

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1264737  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

November 2016

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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1264737

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			
Geologist Report / Mud Logs	<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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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>			PRODUCTION INTERVAL: Top _____ Bottom _____	

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Ottley 3-28
Doc ID	1264737

All Electric Logs Run

Array Induction
Photo Density
Comp Neutron
Microlog

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Ottley 3-28
Doc ID	1264737

Tops

Name	Top	Datum
Base Anhydrite	2105	+557
Heebner	3598	-936
Lansing	3637	-975
Muncie Creek	3799	-1137
Stark Shale	3895	-1233
Hushpuckney	3931	-1269
Pawnee	4103	-1441
Cherokee Shale	4184	-1522
Johnson	4228	1566
Mississippian	4295	-1633





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61701

**DST#: 1**

ATTN: Tim Priest

Test Start: 2015.08.09 @ 21:38:00

## GENERAL INFORMATION:

Formation: **LKC 'A-B'**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 23:05:10  
 Tester: Chuck Smith  
 Time Test Ended: 03:51:00  
 Unit No: 61  
 Interval: **3629.00 ft (KB) To 3690.00 ft (KB) (TVD)**  
 Reference Elevations: 2662.00 ft (KB)  
 Total Depth: 3690.00 ft (KB) (TVD)  
 2653.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Good  
 KB to GR/CF: 9.00 ft

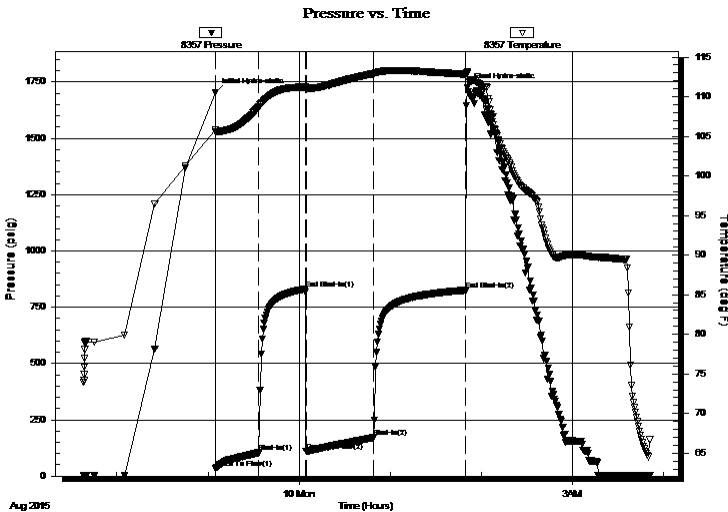
## Serial #: 8357

Inside

Press @ Run Depth: 171.24 psig @ 3634.00 ft (KB)  
 Capacity: 8000.00 psig  
 Start Date: 2015.08.09 End Date: 2015.08.10 Last Calib.: 2015.08.10  
 Start Time: 21:38:02 End Time: 03:51:00 Time On Btm: 2015.08.09 @ 23:05:00  
 Time Off Btm: 2015.08.10 @ 01:50:50

TEST COMMENT: 30- B.O.B. @ 18 min.  
 30- Weak surface return died @ 10 min.  
 45- B.O.B. @ 28 min.  
 60- 1/2" Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.07	105.84	Initial Hydro-static
1	34.49	105.56	Open To Flow (1)
29	104.04	108.69	Shut-In(1)
60	831.08	111.21	End Shut-In(1)
60	108.92	111.01	Open To Flow (2)
105	171.24	112.91	Shut-In(2)
165	825.18	112.84	End Shut-In(2)
166	1725.18	113.05	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: .192 @ 70 Degrees F = 38000 PPM	0.00
0.00	API: 32 @ 70 Degrees F = 31	0.00
310.00	OSMW 30m 70w	3.26
45.00	GO 25g 75o	0.63
0.00	15' weak 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.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61701

**DST#: 1**

ATTN: Tim Priest

Test Start: 2015.08.09 @ 21:38:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

38000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: .192 @ 70 Degrees F = 38000 PPM	0.000
0.00	API: 32 @ 70 Degrees F = 31	0.000
310.00	OSMW 30m 70w	3.255
45.00	GO 25g 75o	0.631
0.00	15' weak GIP	0.000

Total Length: 355.00 ft

Total Volume: 3.886 bbl

Num Fluid Samples: 0

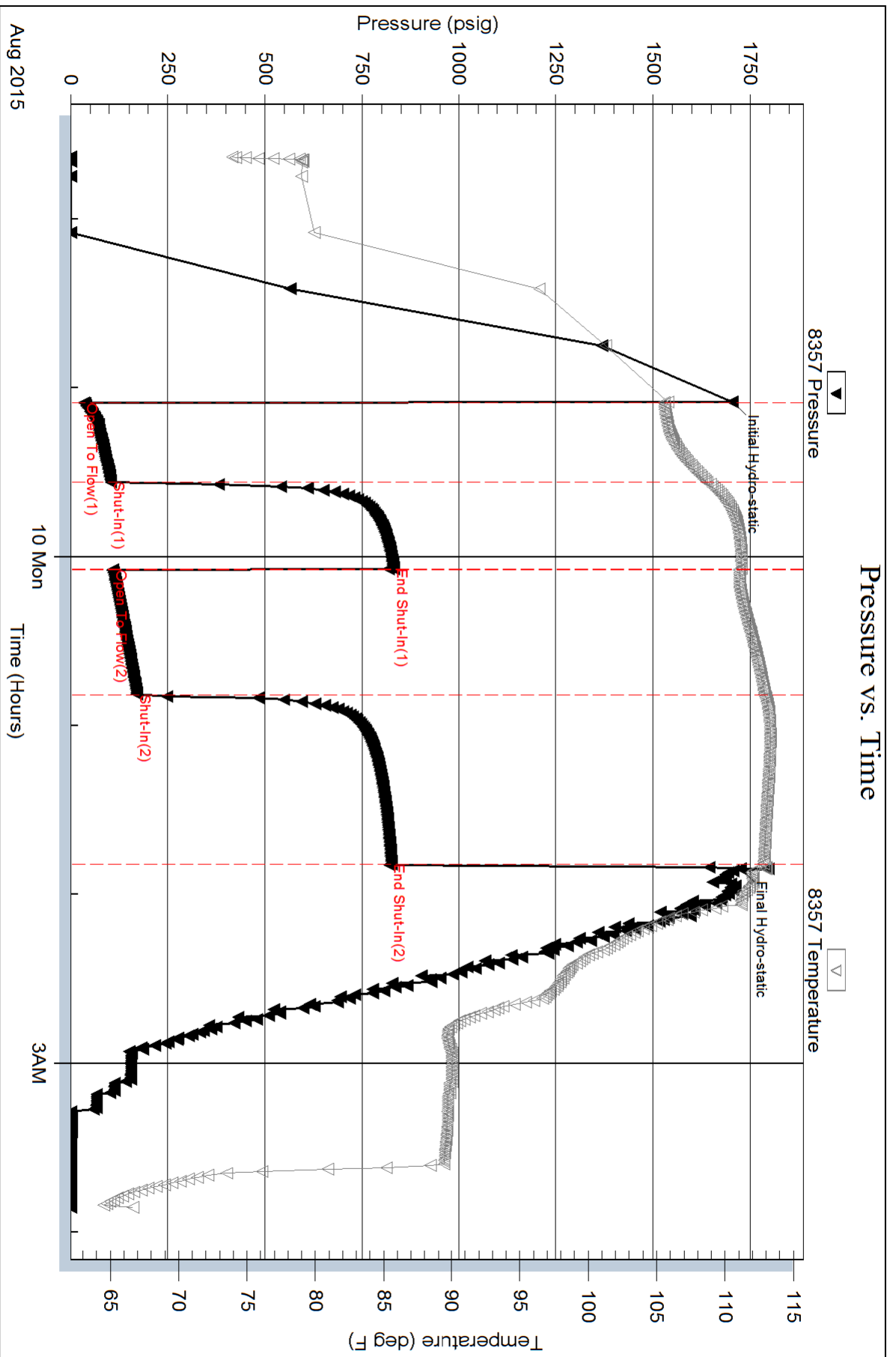
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61702

**DST#: 2**

ATTN: Tim Priest

Test Start: 2015.08.10 @ 14:09:00

## GENERAL INFORMATION:

Formation: **LKC 'D-F'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:48:10

Time Test Ended: 19:16:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 3703.00 ft (KB) To 3745.00 ft (KB) (TVD)**

Total Depth: 3745.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2662.00 ft (KB)

2653.00 ft (CF)

KB to GR/CF: 9.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 28.88 psig @ 3704.00 ft (KB)

Start Date: 2015.08.10

End Date: 2015.08.10

Start Time: 14:09:02

End Time: 19:16:10

Capacity: 8000.00 psig

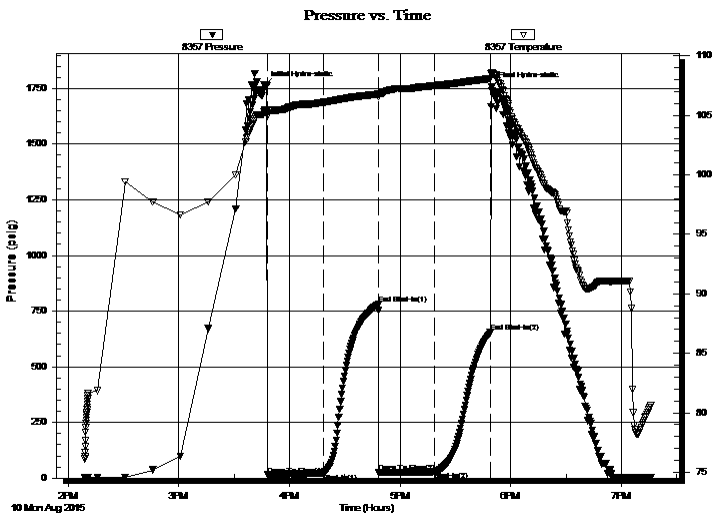
Last Calib.: 2015.08.10

Time On Btm: 2015.08.10 @ 15:46:40

Time Off Btm: 2015.08.10 @ 17:49:40

**TEST COMMENT:** 30- 1/2" Blow .  
30- No return.  
30- No blow .  
30- No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1763.80	105.41	Initial Hydro-static
2	14.89	104.92	Open To Flow (1)
32	21.89	106.08	Shut-In(1)
62	780.73	106.78	End Shut-In(1)
62	24.38	106.59	Open To Flow (2)
93	28.88	107.49	Shut-In(2)
123	654.22	108.08	End Shut-In(2)
123	1759.88	108.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ Degrees F = PPM	0.00
0.00	API: @ Degrees F =	0.00
30.00	VSOCM 1o 99m	0.15

## 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.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61702

**DST#: 2**

ATTN: Tim Priest

Test Start: 2015.08.10 @ 14:09:00

## 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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: @ Degrees F = PPM	0.000
0.00	API: @ Degrees F =	0.000
30.00	VSOCM 1o 99m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

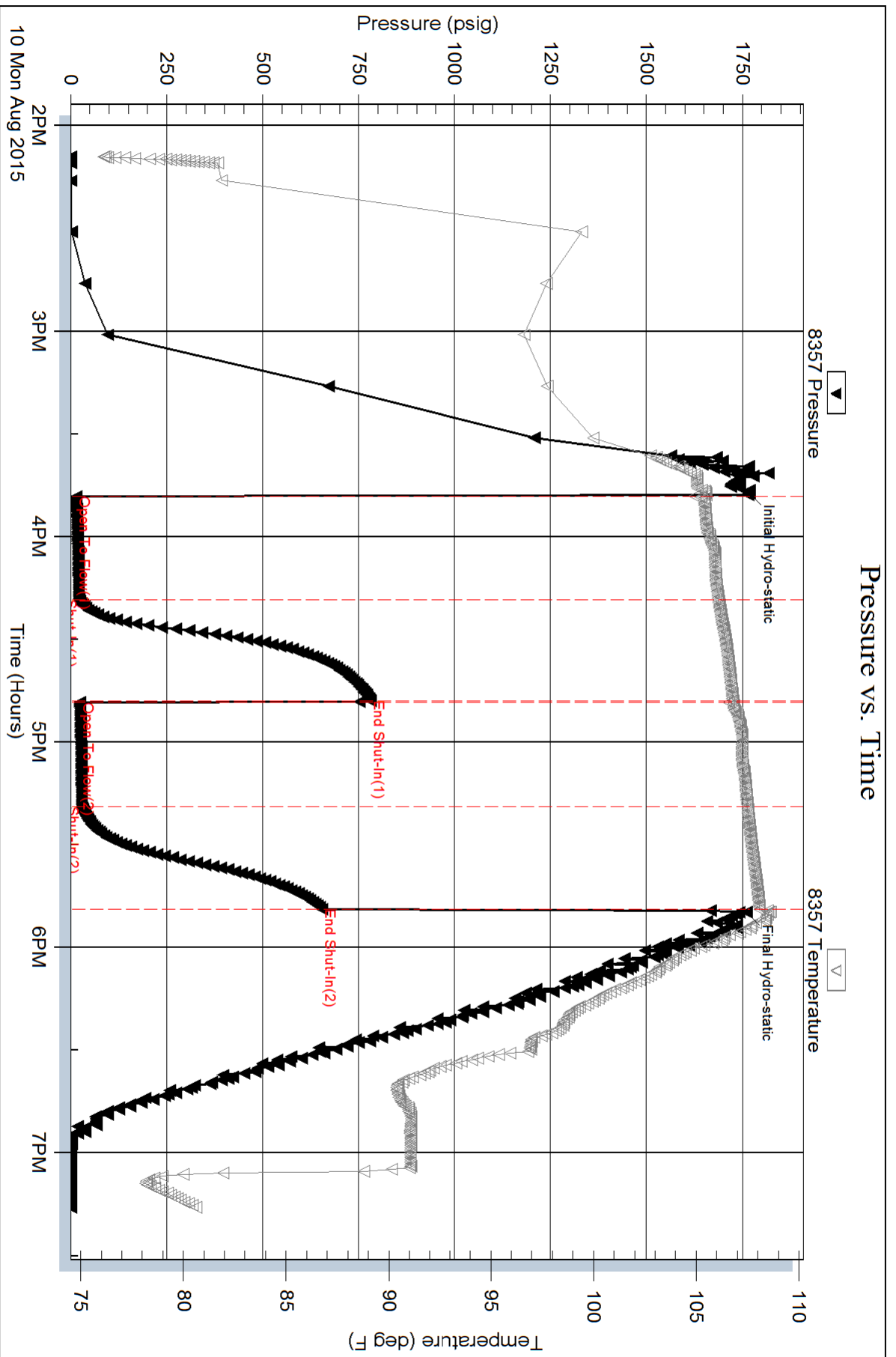
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61703

**DST#: 3**

ATTN: Tim Priest

Test Start: 2015.08.11 @ 11:58:00

## GENERAL INFORMATION:

Formation: **LKC 'H-J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:25:10

Time Test Ended: 18:28:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 3799.00 ft (KB) To 3890.00 ft (KB) (TVD)**

Reference Elevations: 2662.00 ft (KB)

Total Depth: 3890.00 ft (KB) (TVD)

2653.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 8357**

**Inside**

Press@RunDepth: 101.41 psig @ 3803.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.11

End Date:

2015.08.11

Last Calib.:

2015.08.11

Start Time: 11:58:02

End Time:

18:28:50

Time On Btm:

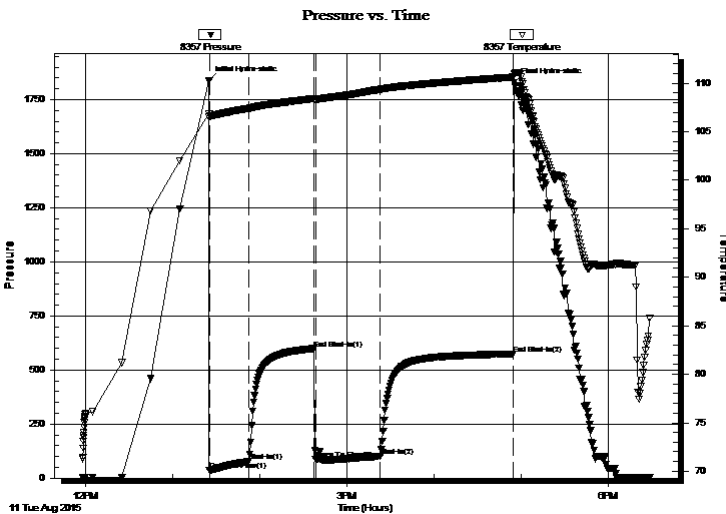
2015.08.11 @ 13:25:00

Time Off Btm:

2015.08.11 @ 16:55:10

**TEST COMMENT:** 30- 9" Blow .  
45- No return.  
45- 8" Blow .  
90- Weak surface return died @ 5 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1839.02	106.86	Initial Hydro-static
1	34.60	106.59	Open To Flow (1)
28	76.17	107.41	Shut-In(1)
72	598.71	108.42	End Shut-In(1)
74	88.31	108.34	Open To Flow (2)
118	101.41	109.36	Shut-In(2)
210	574.54	110.64	End Shut-In(2)
211	1828.15	110.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ Degrees F = PPM	0.00
0.00	API: 31 @ 90 Degrees F = 28	0.00
120.00	GOCM 10g 15o 75m	0.59
80.00	GMCO 10g 15m 75o	1.12
0.00	100' GIP	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.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61703

**DST#: 3**

ATTN: Tim Priest

Test Start: 2015.08.11 @ 11:58:00

## GENERAL INFORMATION:

Formation: **LKC 'H-J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:25:10

Time Test Ended: 18:28:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

Interval: **3799.00 ft (KB) To 3890.00 ft (KB) (TVD)**

Reference Elevations: 2662.00 ft (KB)

Total Depth: 3890.00 ft (KB) (TVD)

2653.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 6751 Outside**

Press@RunDepth: psig @ 3803.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.11

End Date:

2015.08.11

Last Calib.:

2015.08.11

Start Time: 11:58:02

End Time:

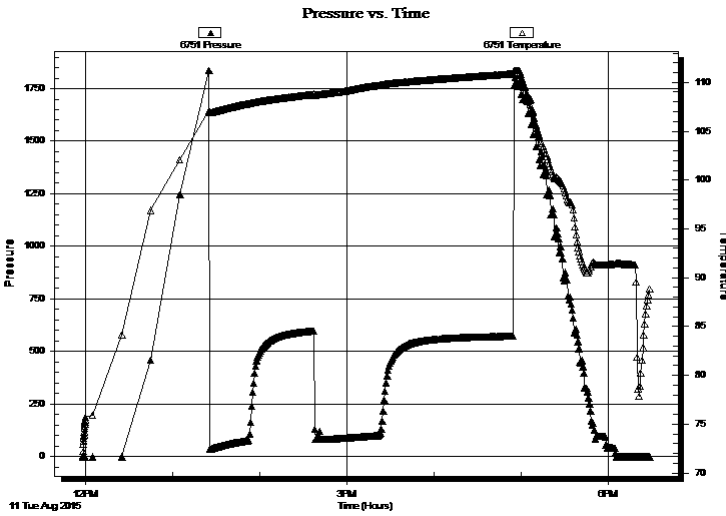
18:28:50

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- 9" Blow .  
45- No return.  
45- 8" Blow .  
90- Weak surface return died @ 5 min.

## PRESSURE SUMMARY



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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	RW: @ Degrees F = PPM	0.00
0.00	API: 31 @ 90 Degrees F = 28	0.00
120.00	GOCM 10g 15o 75m	0.59
80.00	GMCO 10g 15m 75o	1.12
0.00	100' GIP	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.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61703

**DST#: 3**

ATTN: Tim Priest

Test Start: 2015.08.11 @ 11:58:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	RW: @ Degrees F = PPM	0.000
0.00	API: 31 @ 90 Degrees F = 28	0.000
120.00	GOCM 10g 15o 75m	0.590
80.00	GMCO 10g 15m 75o	1.122
0.00	100' GIP	0.000

Total Length: 200.00 ft      Total Volume: 1.712 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

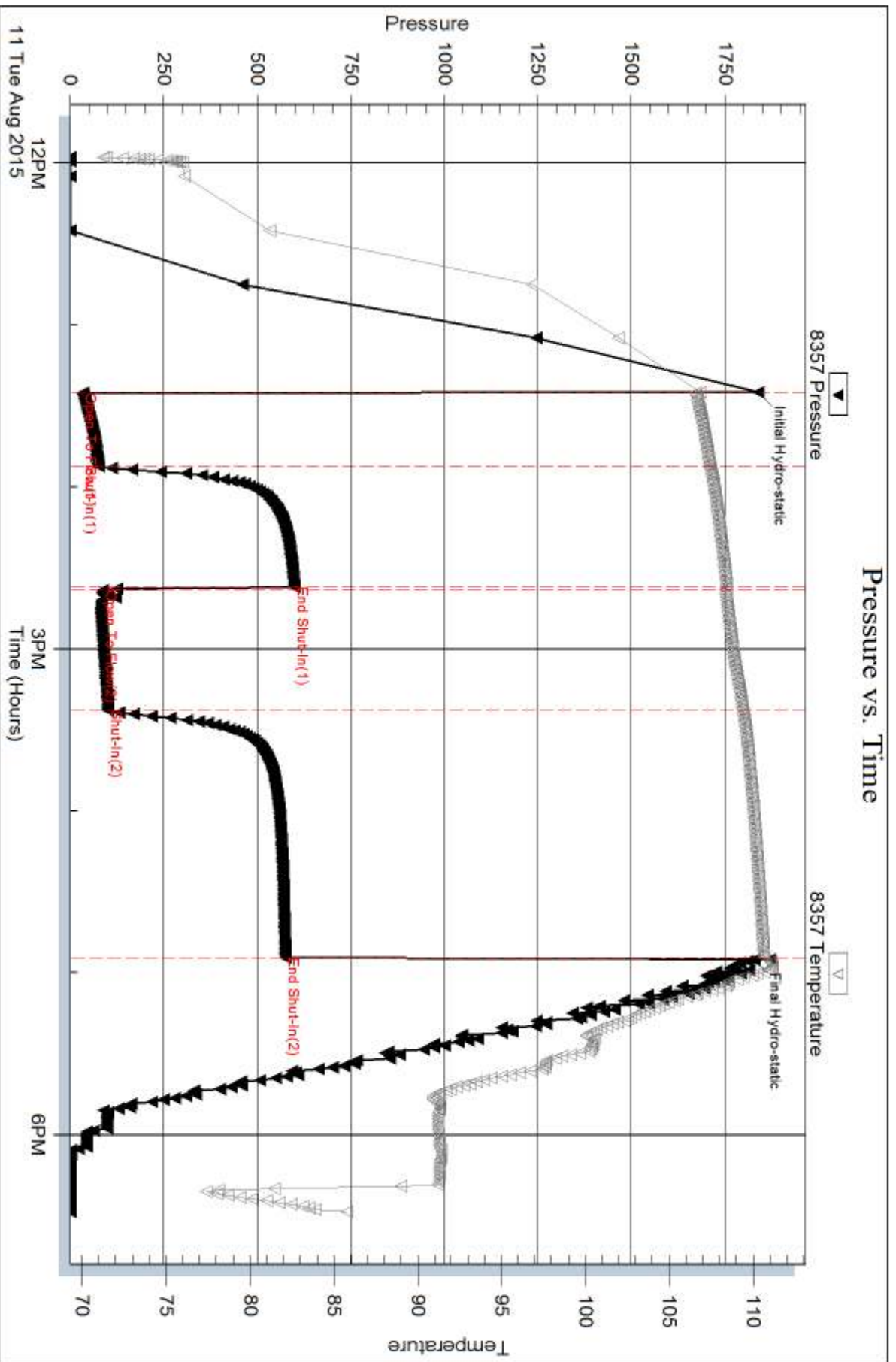
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

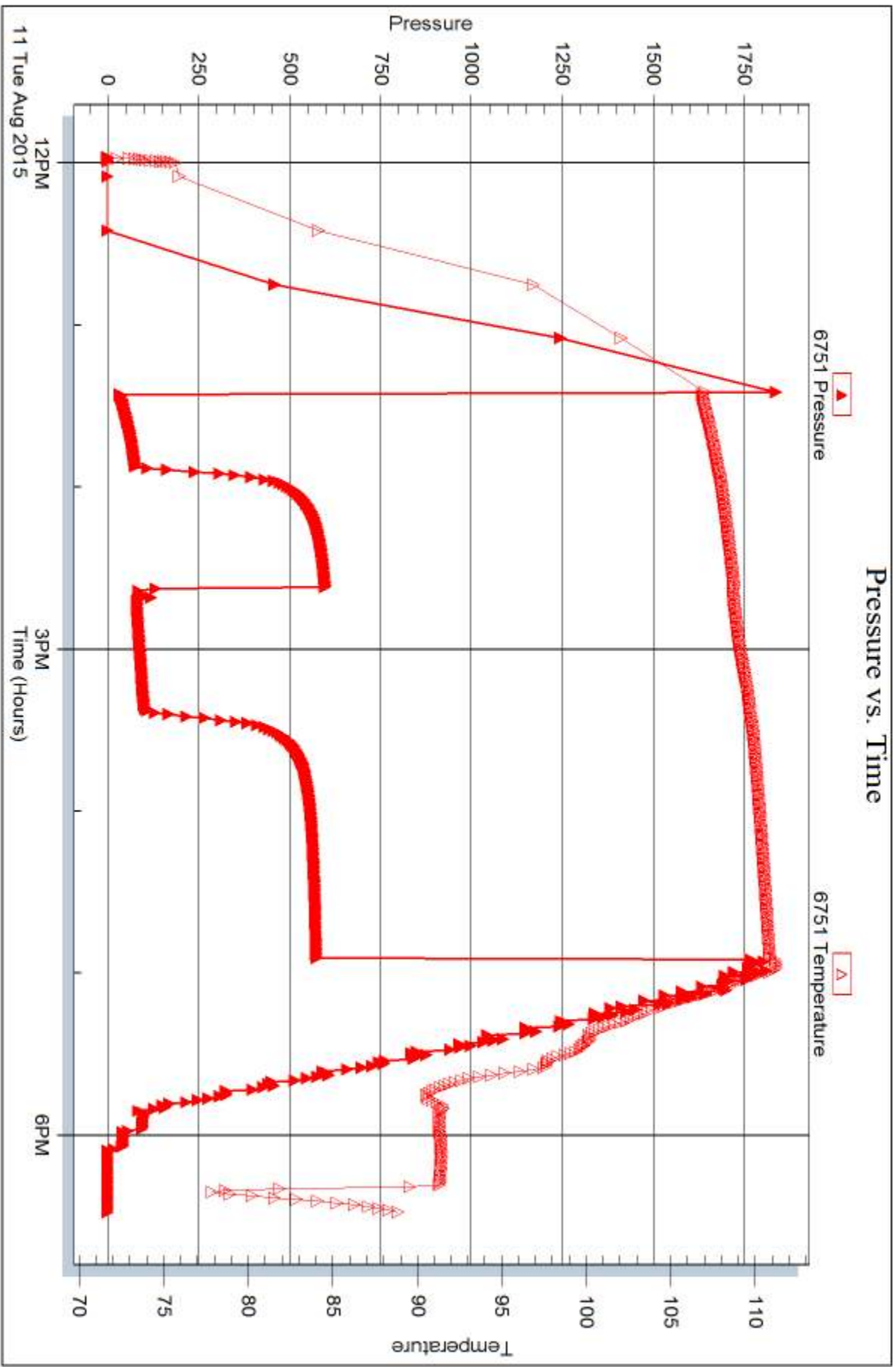


Serial #: 6751

Outside Shakespeare Oil Co. Inc.

Otley 3-28

DST Test Number: 3







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61704

**DST#: 4**

ATTN: Tim Priest

Test Start: 2015.08.12 @ 15:19:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:55:50

Time Test Ended: 22:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 4005.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Reference Elevations: 2662.00 ft (KB)

Total Depth: 4090.00 ft (KB) (TVD)

2653.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 226.90 psig @ 4006.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.12

End Date:

2015.08.12

Last Calib.:

2015.08.12

Start Time: 15:19:02

End Time:

22:48:30

Time On Btm:

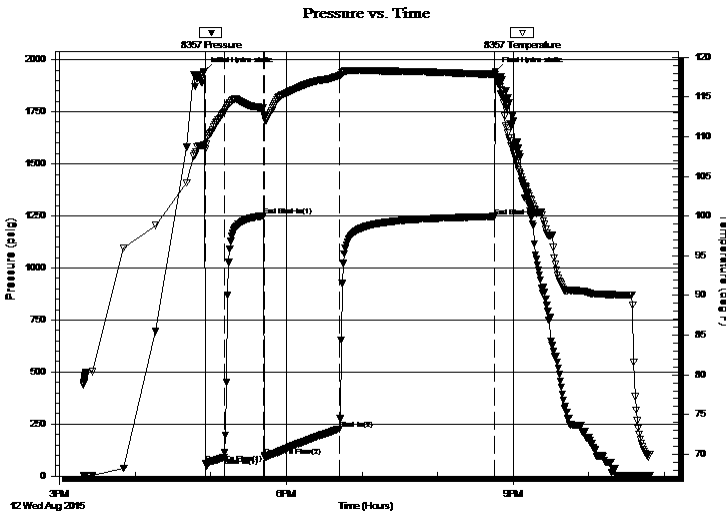
2015.08.12 @ 16:54:30

Time Off Btm:

2015.08.12 @ 20:45:50

**TEST COMMENT:** 15- B.O.B. @ 7 min.  
30- 3" Return.  
60- B.O.B. @ 6min.  
120- B.O.B. @ 12min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1943.53	108.96	Initial Hydro-static
2	61.34	108.42	Open To Flow (1)
16	90.75	113.07	Shut-In(1)
48	1250.20	113.65	End Shut-In(1)
49	95.76	112.45	Open To Flow (2)
108	226.90	117.65	Shut-In(2)
231	1247.12	117.84	End Shut-In(2)
232	1944.34	117.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 31 @ 70 Degrees F = 30.	0.00
182.00	GMCO 50g 20m 30o	1.46
372.00	GO 45g 55o	5.22
0.00	1240' Weak GIP	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.

202 W Main  
Salem, IL 62881

ATTN: Tim Priest

**S28-14s-32w Logan/KS**

**Ottley 3-28**

Job Ticket: 61704

**DST#: 4**

Test Start: 2015.08.12 @ 15:19:00

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:55:50

Time Test Ended: 22:48:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 4005.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Reference Elevations: 2662.00 ft (KB)

Total Depth: 4090.00 ft (KB) (TVD)

2653.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 6751 Outside**

Press @ Run Depth: psig @ 4006.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.12

End Date:

2015.08.12

Last Calib.:

2015.08.12

Start Time: 15:19:02

End Time:

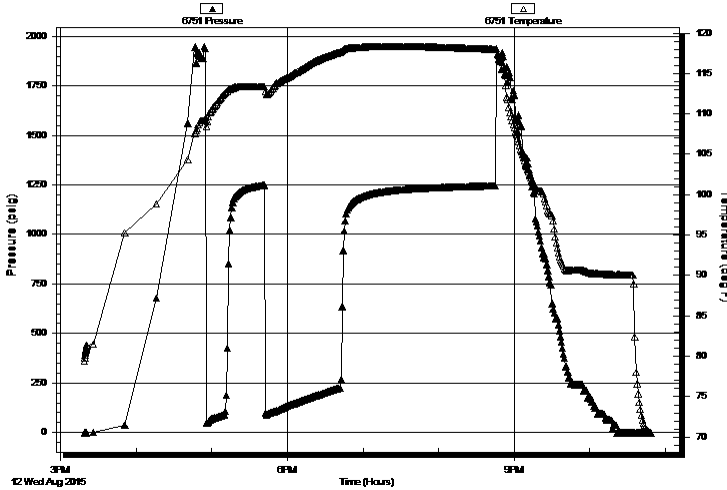
22:48:30

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 15- B.O.B. @ 7 min.  
30- 3" Return.  
60- B.O.B. @ 6min.  
120- B.O.B. @ 12min.

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	API: 31 @ 70 Degrees F = 30.	0.00
182.00	GMCO 50g 20m 30o	1.46
372.00	GO 45g 55o	5.22
0.00	1240' Weak GIP	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.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61704

**DST#: 4**

ATTN: Tim Priest

Test Start: 2015.08.12 @ 15:19:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	API: 31 @ 70 Degrees F = 30.	0.000
182.00	GMCO 50g 20m 30o	1.460
372.00	GO 45g 55o	5.218
0.00	1240' Weak GIP	0.000

Total Length: 554.00 ft

Total Volume: 6.678 bbl

Num Fluid Samples: 0

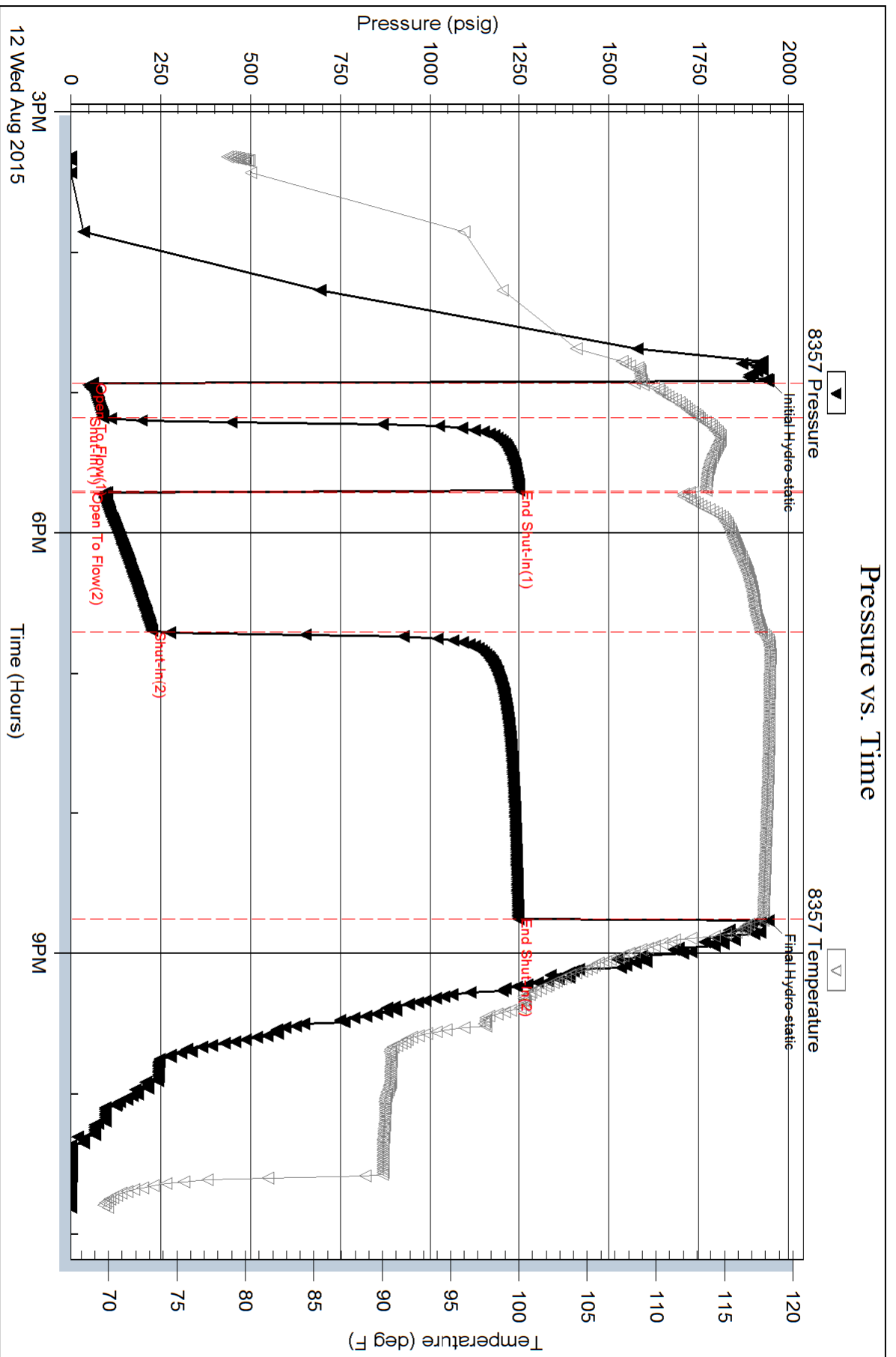
Num Gas Bombs: 0

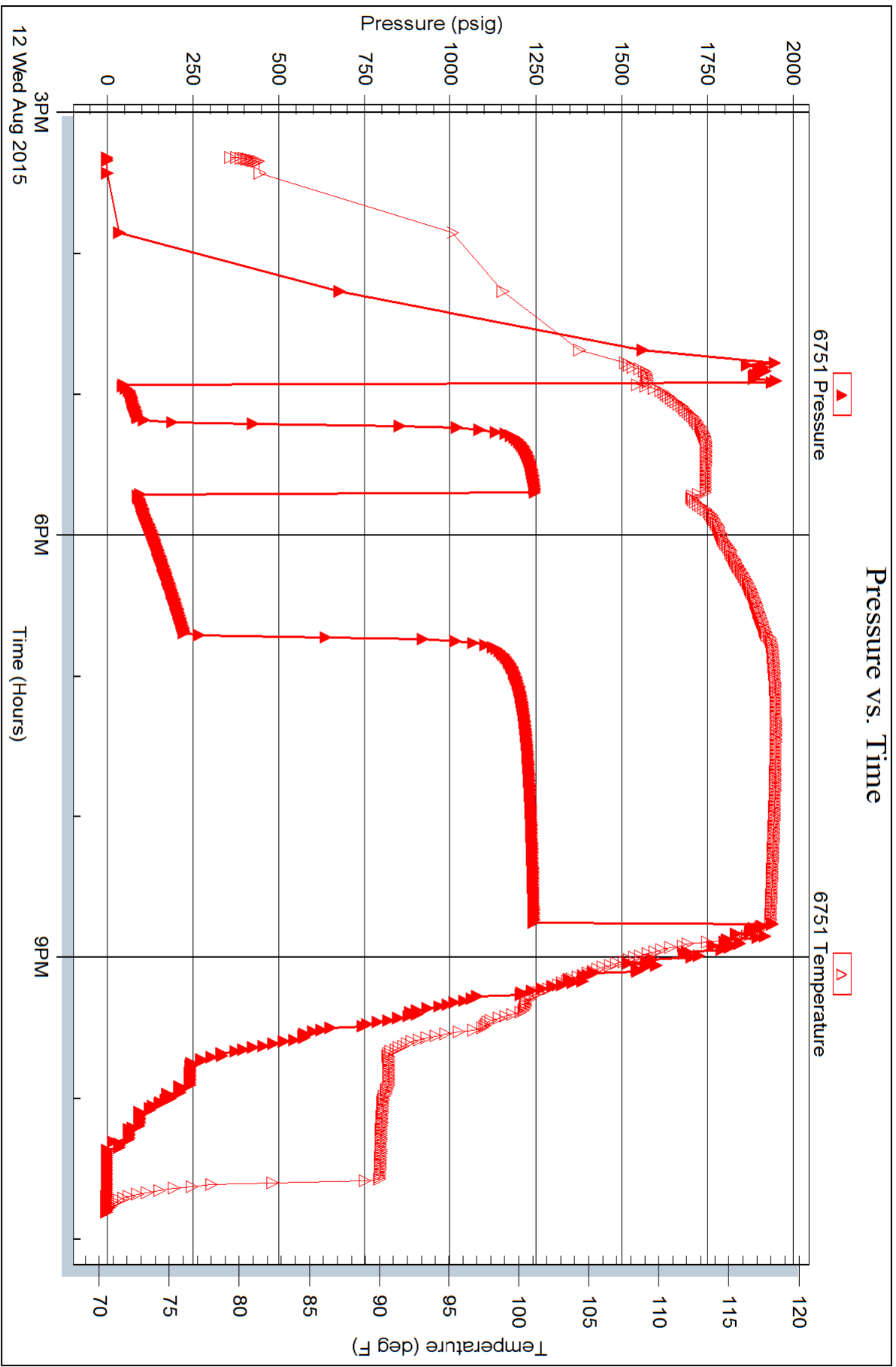
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61705

**DST#: 5**

ATTN: Tim Priest

Test Start: 2015.08.13 @ 21:24:00

## GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:00

Time Test Ended: 02:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 61

**Interval: 4260.00 ft (KB) To 4301.00 ft (KB) (TVD)**

Reference Elevations: 2662.00 ft (KB)

Total Depth: 4301.00 ft (KB) (TVD)

2653.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 36.14 psig @ 4261.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.13

End Date:

2015.08.14

Last Calib.: 2015.08.14

Start Time: 21:24:02

End Time:

02:59:30

Time On Btm: 2015.08.13 @ 22:51:20

Time Off Btm: 2015.08.14 @ 00:55:50

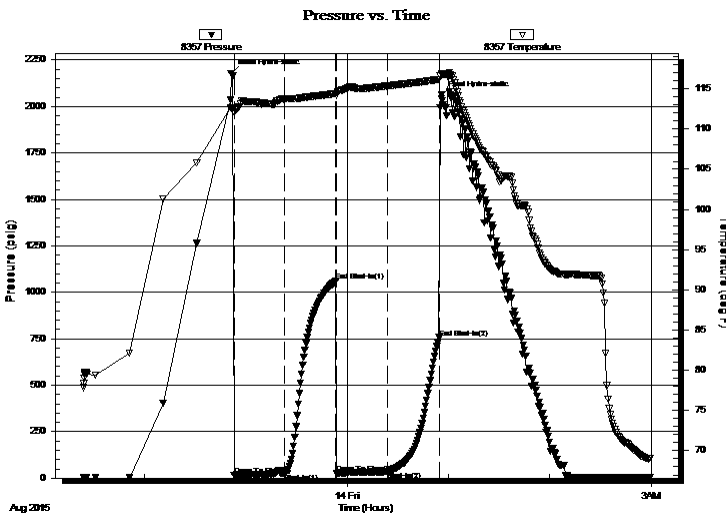
TEST COMMENT: 30- Surface blow .

30- No return.

30- No blow .

30- No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2178.34	112.57	Initial Hydro-static
2	16.76	112.13	Open To Flow (1)
32	24.65	113.72	Shut-In(1)
62	1059.40	114.41	End Shut-In(1)
63	27.05	114.20	Open To Flow (2)
93	36.14	115.37	Shut-In(2)
123	756.15	116.17	End Shut-In(2)
125	2060.52	116.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 2o 98m	0.15

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co. Inc.

**S28-14s-32w Logan/KS**

202 W Main  
Salem, IL 62881

**Ottley 3-28**

Job Ticket: 61705

**DST#: 5**

ATTN: Tim Priest

Test Start: 2015.08.13 @ 21:24:00

## 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: 53.00 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: 3400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 2o 98m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

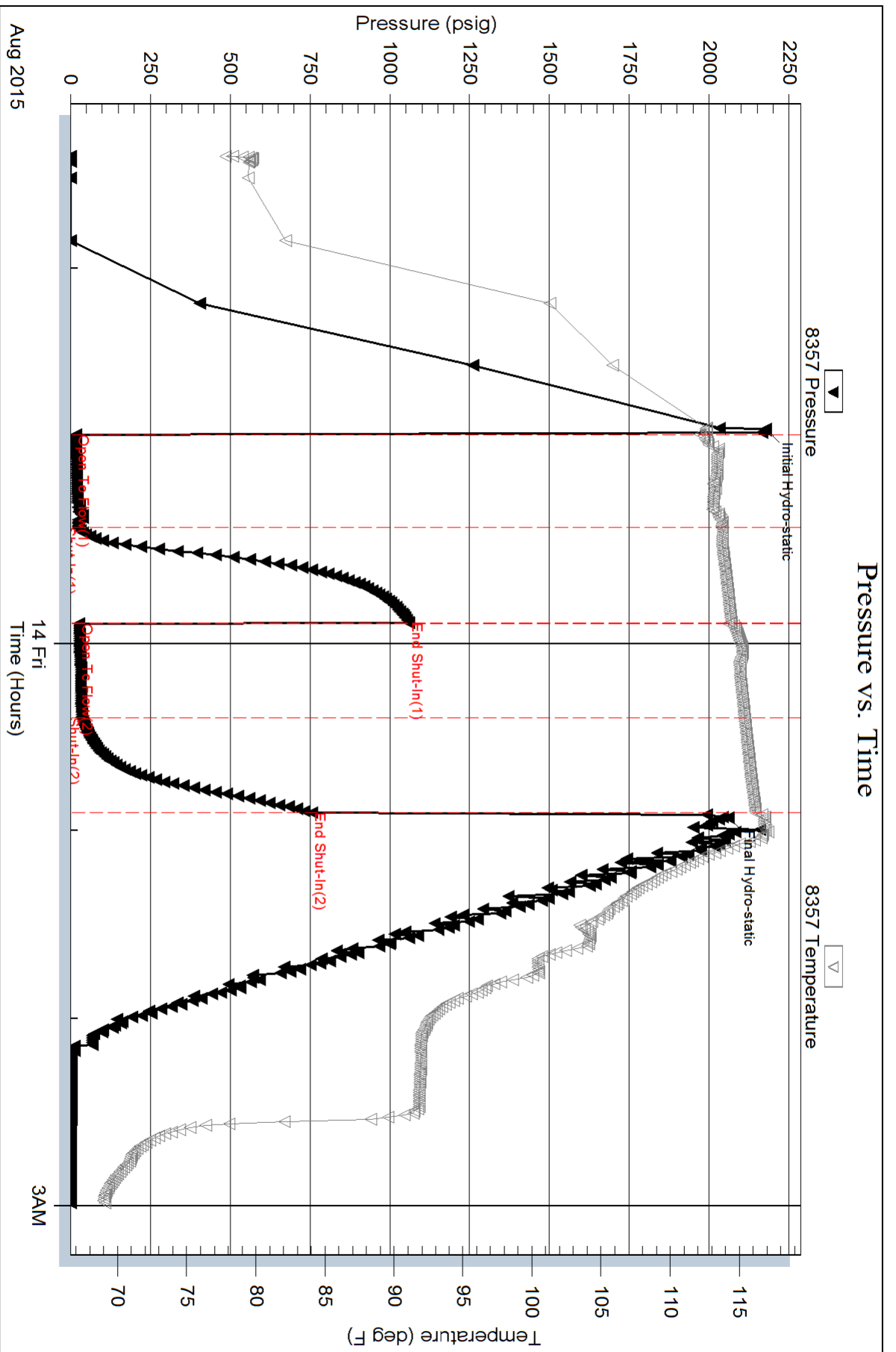
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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

COMPANY: **SHAKESPEAR OIL CO.**  
 LEASE: **SHAK 3-28**  
 FIELD: **Wildcat**  
 LOCATION: **1800' FTL, 1900' FWL**  
 SEC: **28 T15SP 14S R0E 32W**  
 COUNTY: **Logan STATE Kansas**

CONTRACTOR: **HD Drilling Rig #3**  
 SPUD: **8-5-15** COMP: **8-15-15**  
 RTD: **4390'** LTD: **4390'**  
 MUD UP: **3400'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3400'** to RTD  
 DRILLING TIME KEPT FROM: **3400'** to RTD  
 SAMPLES EXAMINED FROM: **3400'** to RTD  
 GEOLOGICAL SUPERVISION FROM: **3400'** to RTD

GEOLOGIST ON WELL: **Tim Priest**

FORMATION TOPS: **ELECTRIC LOG** SAMPLE  
 Anhydrite: **2082 (-580)** 2082 (+580)  
 Heebner Shale: **3598 (-935)** 3597 (+935)  
 Lansing: **3636 (-974)** 3636 (+974)  
 SARC: **3895 (-1233)** 3895 (+1233)  
 BRC: **3970 (-1308)** 3972 (-1310)  
 Fort Scott: **4156 (-1494)** 4156 (+1494)  
 Cherokee Shale: **4184 (-1522)** 4184 (+1522)  
 Mississippi: **4295 (-1633)** 4294 (-1632)

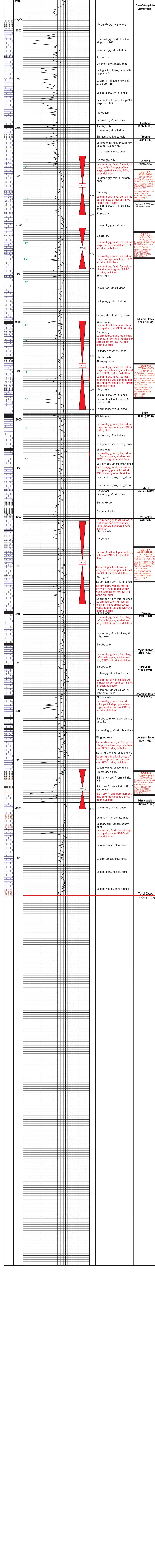
CONDUCTION: **N/A**  
 CASING: **8-5/8" @ 264'**  
 SURFACE: **5 1/2" @ 4390'**  
 PRODUCTION: **CND/DS/P.P.E.**

By: **Weatherford**

REMARKS: Due to the results of DSTs, it was decided to set production casing to further test the well.

Respectfully Submitted,  
 Tim Priest  
 Petroleum Geologist

API #15-109-21393-00-00



DEPTH: 4390'  
 Total Depth: 4390' (-1728)  
 4294 (-1632)

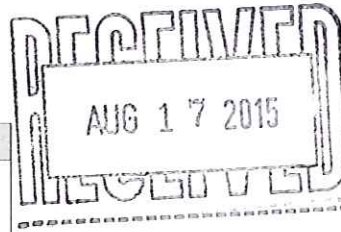


# INVOICE

P.O. Box 205803  
Dallas, TX 75320-5803

Invoice Number: 150439  
Invoice Date: Aug 5, 2015  
Page: 1

Voice: (832) 482-3742  
Fax: (832) 482-3738



Federal Tax I.D.#: 20-8651475

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

Customer ID	Field Ticket #	Payment Terms	
Shak	67644	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Aug 5, 2015	9/4/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<del>Ottley #3-28</del>		
185.00	CEMENT MATERIALS	Class A Common	17.90	3,311.50
347.80	CEMENT MATERIALS	Gel	0.50	173.90
521.70	CEMENT MATERIALS	Chloride	1.10	573.87
200.04	CEMENT SERVICE	Cubic Feet Charge	2.48	496.10
228.00	CEMENT SERVICE	Ton Mileage Charge	2.75	627.00
1.00	CEMENT SERVICE	Surface ✓	1,512.25	1,512.25
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	CEMENT SERVICE	Swedge Rental	275.00	275.00
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Material	1,298.98	-1,298.98
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Service	1,028.11	-1,028.11
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
1.00	EQUIPMENT OPERATOR	Darren Racette		

INT

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. ONLY IF PAID ON OR BEFORE

**Sep 4, 2015**

1 1/2% CHARGED  
THEREAFTER.

Subtotal	4,945.03
Sales Tax	220.82
Total Invoice Amount	5,165.85
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,165.85</b>

DW  
10501-5  
RW





# INVOICE

P.O. Box 205803  
Dallas, TX 75320-5803

Invoice Number: 150520  
Invoice Date: Aug 15, 2015  
Page: 1

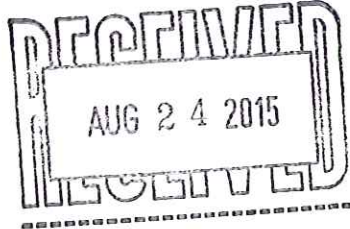
Voice: (832) 482-3742  
Fax: (832) 482-3738

Federal Tax I.D.#: 20-8651475

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

Customer ID	Field Ticket #	Payment Terms	
Shak	67651	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 15, 2015	9/14/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<u>Ottley #3-28</u>		
165.00	CEMENT MATERIALS	ASC	23.50	3,877.50
825.00	CEMENT MATERIALS	Gilsonite	0.98	808.50
47.00	CEMENT MATERIALS	CD-31	7.73	363.31
23.00	CEMENT MATERIALS	Defoamer	3.50	80.50
12.00	CEMENT MATERIALS	Super Flush	41.09	493.08
207.25	CEMENT SERVICE	Cubic Feet Charge	2.48	513.98
230.50	CEMENT SERVICE	Ton Mileage Charge	2.75	633.88
1.00	CEMENT SERVICE	Production ✓	2,765.75	2,765.75
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	CEMENT SERVICE	Head Manifold Rotator	475.00	475.00
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Material	1,799.32	-1,799.32
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Cement Service	1,501.17	-1,501.17
1.00	CEMENT SUPERVISOR	Andrew Forslund		
1.00	EQUIPMENT OPERATOR	Darren Racette		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		



INT

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. ONLY IF PAID ON OR  
BEFORE

Sep 14, 2015

1 1/2% CHARGED  
THEREAFTER.

Subtotal	7,013.51
Sales Tax	305.89
Total Invoice Amount	7,319.40
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,319.40</b>

DW  
10502-5  
KW

# ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067651

REMIT TO P.O. BOX 93999  
SOUTH LAKE, TEXAS 76092

SERVICE POINT:

Orkley

DATE <u>8-15-15</u>	SEC <u>28</u>	TWP <u>14</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>6:00 AM</u>	JOB START <u>8:00 AM</u>	JOB FINISH <u>9:00 AM</u>
LEASE <u>Orkley</u>	WELL # <u>3-28</u>	LOCATION <u>Orkley 205 16 345</u>			COUNTY <u>Logan</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>Low Is Einds</u>			

CONTRACTOR HO #3 OWNER same

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 4390'

CASING SIZE 5 1/2 DEPTH 4391'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL Port color DEPTH 2056'

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 42.43'

CEMENT LEFT IN CSG. 43.43'

PERFS.

DISPLACEMENT 1023.47 BBL

**EQUIPMENT**

PUMP TRUCK # <u>422</u>	CEMENTER <u>Andrew Jarslund</u>		
	HELPER <u>Darren Kocette</u>		
BULK TRUCK # <u>323</u>	DRIVER <u>Brandon Wilkinson</u>		
BULK TRUCK #	DRIVER		

CEMENT  
AMOUNT ORDERED 165 SKS ASC 10800 17  
28 bags 5th Gilsonite 2000 17 2031  
1st DeFoamer 12000 Super Flush

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC <u>165 SKS</u>	@	<u>23.50</u>	<u>3877.50</u>
	@		
<u>Gilsonite 825 lb</u>	@	<u>1.98</u>	<u>828.50</u>
	@		
<u>CO-31 47#</u>	@	<u>7.23</u>	<u>363.31</u>
	@		
<u>DeFoamer 23#</u>	@	<u>3.50</u>	<u>80.50</u>
	@		
<u>Super Flush 12 BBL</u>	@	<u>41.09</u>	<u>493.08</u>
	@		
		<b>TOTAL</b>	<u>5,620.89</u>

DISCOUNT 32% 1799.32

**REMARKS:**

Pump 10 BBL Super Flush. Plug Port  
hole 30 SKS. Mix 125 SKS ASC down  
5 1/2 casing wash pump and line clean  
Release plug and Displace 800'  
lift pressure 1300' liquid plug.  
plug landed float held.

Thank you

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

**SERVICE**

HANDLING <u>207.25 cu/ft</u>	@ <u>2.98</u>	<u>573.98</u>
MILEAGE <u>2.25 704/mile</u>	<u>9.2270</u>	<u>633.57</u>
DEPTH OF JOB <u>4391'</u>		
PUMP TRUCK CHARGE		<u>2265.25</u>
EXTRA FOOTAGE	@	
HV MILEAGE <u>25 miles</u>	@ <u>7.70</u>	<u>192.50</u>
LV MILEAGE <u>25 miles</u>	@ <u>4.40</u>	<u>110.00</u>
<u>Head manifold Botcher</u>	@	<u>425.00</u>
	@	
		<b>TOTAL</b> <u>4,691.10</u>

DISCOUNT 32% 1501.15

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	
	@	
		<b>TOTAL</b>

DISCOUNT \_\_\_\_\_ %

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 Doug Roberts  
SIGNATURE Doug Roberts

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 10,313.99  
DISCOUNT 3,300.47 (32%) IF PAID IN 30 DAYS  
NET TOTAL 7,013.51 IF PAID IN 30 DAYS



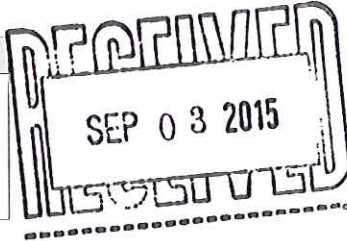
P.O. Box 205803  
 Dallas, TX 75320-5803

Voice: (832) 482-3742  
 Fax: (832) 482-3738

# INVOICE

Invoice Number: 150591  
 Invoice Date: Aug 20, 2015  
 Page: 1

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



Federal Tax I.D.#: 20-8651475

Customer ID	Field Ticket #	Payment Terms	
Shak	67842	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Oakley	Aug 20, 2015	9/19/15

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	<u>Ottley #3-28</u>		
195.00	CEMENT MATERIALS	Class A Common	17.90	3,490.50
105.00	CEMENT MATERIALS	Pozmix	9.35	981.75
2,088.00	CEMENT MATERIALS	Gel	0.50	1,044.00
75.00	CEMENT MATERIALS	Flo Seal	2.97	222.75
300.00	CEMENT MATERIALS	Cottonseed Hulls	0.99	297.00
633.00	CEMENT SERVICE	Cubic Feet Charge	2.48	1,569.84
601.25	CEMENT SERVICE	Ton Mileage Charge	2.75	1,653.44
1.00	CEMENT SERVICE	Port Collar ✓	2,483.59	2,483.59
25.00	CEMENT SERVICE	Pump Truck Mileage	7.70	192.50
25.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	110.00
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Material	1,931.52	-1,931.52
1.00	JOB DISCOUNT	Job Discount if paid within terms -- Cement Service	1,923.00	-1,923.00
1.00	CEMENT SUPERVISOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Brandon Wilkinson		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		

INT

10502-3  
KW

ALL PRICES ARE NET, PAYABLE  
 30 DAYS FOLLOWING DATE OF  
 INVOICE. ONLY IF PAID ON OR  
 BEFORE

Sep 19, 2015

1 1/2% CHARGED  
 THEREAFTER.

Subtotal	8,190.85
Sales Tax	328.36
Total Invoice Amount	8,519.21
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,519.21</b>

DW

# ALLIED OIL & GAS SERVICES, LLC

Federal Tax I.D. #20-5975804

067842

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

SERVICE POINT:  
Oakley, KS

DATE <u>8-20-15</u>	SEC <u>28</u>	TWP. <u>14</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION <u>1100a.m.</u>	JOB START <u>11:00 a.m.</u>	JOB FINISH <u>12:00 p.m.</u>
LEASE <u>04164</u>	WELL# <u>3-28</u>	LOCATION <u>Oakley, 20s, 1w, 1/4 S, 1/2 W</u>		COUNTY <u>Logan</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>1s, E into</u>			

CONTRACTOR Wild Wild West  
TYPE OF JOB Port Collar  
HOLE SIZE 7 7/8 T.D.  
CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TUBING SIZE 2 3/8 DEPTH 2056'  
DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TOOL Port Collar DEPTH 2056'  
PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
CEMENT LEFT IN CSG. \_\_\_\_\_  
PERFS. \_\_\_\_\_  
DISPLACEMENT 7 bbl H2O  
EQUIPMENT \_\_\_\_\_  
PUMP TRUCK # 431 CEMENTER Paul Barner  
HELPER Brandon Wilkinson  
BULK TRUCK # 8911287 DRIVER Wayne Meghby  
BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

OWNER Some  
CEMENT AMOUNT ORDERED 500 sks 65/35  
8' gel 1/4" Flo seal, 1000# cotton  
seed hulls  
COMMON 195 sks @ 19.90 3990.50  
POZMIX 105 sks @ 9.35 981.75  
GEL 2088 # @ .50 1044.00  
CHLORIDE @ \_\_\_\_\_  
ASC @ \_\_\_\_\_  
Flo-seal 75 # @ 2.97 222.75  
hulls 300 # @ .97 297.00  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
TOTAL 6,036.00

REMARKS:  
Test Port collar to 1000', open  
mix 300 sks, displace wd water  
Rev @ 1000', Close port collar,  
Test to 1000', Run 5 TTS,  
Rev clear  
  
Thank you!  
Paul + crew

DISCOUNT 32% 1931.52  
SERVICE  
HANDLING 633-P4 @ 2.48 1562.84  
MILEAGE 24.05 tons x .75 mi x 2.95 1653.44  
DEPTH OF JOB \_\_\_\_\_  
PUMP TRUCK CHARGE \_\_\_\_\_ 2483.57  
EXTRA FOOTAGE @ \_\_\_\_\_  
HV MILEAGE 25 @ 7.96 199.50  
LV MILEAGE 25 @ 4.40 110.00  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
TOTAL 6,009.37  
DISCOUNT 32% 1922.99

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

PLUG & FLOAT EQUIPMENT  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
@ \_\_\_\_\_  
TOTAL \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ % \_\_\_\_\_

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 \_\_\_\_\_  
SIGNATURE B. Cable

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 12,045.37  
DISCOUNT 3,854.51 (32%) IF PAID IN 30 DAYS  
NET TOTAL 8,190.85 IF PAID IN 30 DAYS