



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

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

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

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

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

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

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

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

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

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

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

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

Designate Type of Completion:

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

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

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

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

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

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

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

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

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

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

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

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

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

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

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

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

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

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

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

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

Multiple Stage Cementing Collar Used?  Yes  No

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

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

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

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

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

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

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

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

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

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

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

**AFFIDAVIT**

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

Submitted Electronically

**KCC Office Use ONLY**

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



1064917

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Rose 1-10
Doc ID	1064917

All Electric Logs Run

Array Induction
Photo Density
Comp. Neutron
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Shakespeare Oil Co., Inc.
Well Name	Rose 1-10
Doc ID	1064917

Tops

Name	Top	Datum
Anhydrite	2460	+668
Heebner Shale	3988	-860
Lansing	4033	-905
Stark	4308	-1180
BKC	4395	-1267
Fort Scott	4575	-1447
Cherokee Shale	4603	-1475
Mississippian	4787	-1659



24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906

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

# INVOICE

Invoice Number: 128544  
 Invoice Date: Sep 9, 2011  
 Page: 1

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

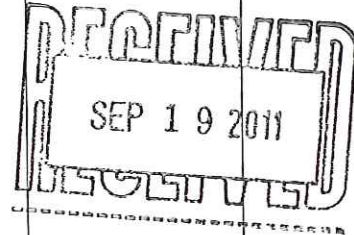
Federal Tax I.D.#: 20-5975804

*file*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Rose #1-10	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Sep 9, 2011	10/9/11

Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	16.25	2,843.75
3.00	MAT	Gel	21.25	63.75
6.00	MAT	Chloride	58.20	349.20
184.00	SER	Handling	2.25	414.00
45.00	SER	Mileage	20.24	910.80
1.00	SER	Surface	1,125.00	1,125.00
90.00	SER	Heavy Vehicle Mileage	7.00	630.00
1.00	SER	Manifold Head Rental	200.00	200.00
90.00	SER	Light Vehicle Mileage	4.00	360.00
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy		
1.00	OPER ASSIST	Ethan Glassman		

*INT*



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

\$ 1379.30

ONLY IF PAID ON OR BEFORE  
 Oct 4, 2011

Subtotal	6,896.50
Sales Tax	237.74
Total Invoice Amount	7,134.24
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,134.24</b>

DW

# ALLIED CEMENTING CO., LLC. 035981

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

*Dakkey, Ky*

DATE <i>9/9/11</i>	SEC. <i>10</i>	TWP. <i>16</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <i>Rose</i>	WELL# <i>1-10</i>	LOCATION <i>Perm 2 1/2 N E 10</i>			COUNTY <i>Scott</i>	STATE <i>Ky</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *H D Drilling* OWNER *same*

TYPE OF JOB *Surf Fire*

HOLE SIZE *12 1/4* T.D. *269* CEMENT

CASING SIZE *8 5/8* DEPTH *269* AMOUNT ORDERED *175 SKs Cem*

TUBING SIZE DEPTH *300 cc 2 7/8 gel*

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM COMMON *175 @ 16 25 2843 75*

MEAS. LINE SHOE JOINT POZMIX @

CEMENT LEFT IN CSG. *15'* GEL *3 @ 21 25 63 75*

PERFS. CHLORIDE *6 @ 58 20 349 20*

DISPLACEMENT *16.17 bbl H<sub>2</sub>O* ASC @

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

# *477* HELPER *Wayne*

BULK TRUCK

# *347* DRIVER *ETW*

BULK TRUCK

# DRIVER

HANDLING *184 @ 2 25 414 00*

MILEAGE *119 SK/mile 910 80*

TOTAL *45 81 80*

REMARKS:

*Run Cem, Circulate, Mix Cement*

*Displace Cement*

*Cement did Circulate*

*T pump for  
Blay Wayne ETW*

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE *1125 00*

EXTRA FOOTAGE @

MILEAGE *45 x 2 @ 7 00 220 00*

MANIFOLD @ *280 00*

Lifeline *45 x 2 @ 4 00 360 00*

TOTAL *2405 00*

CHARGE TO: *Shakespeare*

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Doug Roberts*

SIGNATURE *Doug Roberts*

SALES TAX (if Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS



24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906  
 Voice: (817) 546-7282  
 Fax: (817) 246-3361

# INVOICE

Invoice Number: 128655  
 Invoice Date: Sep 22, 2011  
 Page: 1

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

Federal Tax I.D.#: 20-5975804

*File* **INT**

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Shak	Rose #1-10	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Sep 22, 2011	10/22/11

Quantity	Item	Description	Unit Price	Amount
168.00	MAT	Class A Common	16.25	2,730.00
112.00	MAT	Pozmix	8.50	952.00
10.00	MAT	Gel	21.25	212.50
70.00	MAT	Flo Seal	2.70	189.00
293.00	SER	Handling	2.25	659.25
48.00	SER	Mileage	32.23	1,547.04
1.00	SER	Rotary Plug	1,250.00	1,250.00
96.00	SER	Heavy Vehicle Mileage	7.00	672.00
96.00	SER	Light Vehicle Mileage	4.00	384.00
1.00	CEMENTER	Bobby Roller		
1.00	OPER ASSIST	Shane Konzem		
1.00	OPER ASSIST	Doug Kornegay Jr		



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

\$ 1719.15

ONLY IF PAID ON OR BEFORE

Oct 17, 2011

Subtotal	8,595.79
Sales Tax	627.49
Total Invoice Amount	9,223.28
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,223.28</b>

DW

# ALLIED CEMENTING CO., LLC. 037365

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Countdown

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-22-11						7:30	8:30
LEASE	Rose	WELL # 1-10	LOCATION	Pence 25 1/2 north E. inter		COUNTY	STATE
OLD OR NEW	(Circle one)					Scott	Wes

CONTRACTOR H.A. Sig # 2  
 TYPE OF JOB Rotary plug  
 HOLE SIZE 7 7/8 I.D. 4845  
 CASING SIZE 8 3/8 DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 2480  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. all  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT freshwater / cement  
 EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Bob R.  
 # 398 HELPER Shane C.  
 BULK TRUCK \_\_\_\_\_  
 # 344-70 DRIVER Doug K.  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
1st plug at 2480 ft m.w. 50 psi  
2nd plug at 1630 ft m.w. 80 psi  
3rd plug at 800 ft m.w. 50 psi  
4th plug at 290 ft m.w. 50 psi  
5th plug at 60 ft m.w. 20 psi  
RH m.w. 30 psi

CHARGE TO: Shatequip Oil Company Inc  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME x Doug Roberts  
 SIGNATURE x Doug Roberts

Thank you! Good Job Thanks!

OWNER Shatequip Oil Company Inc  
 CEMENT AMOUNT ORDERED 2900 sa Co2/40 4% gel 1/4 # lb seal  

COMMON	<u>168</u>	@	<u>16.25</u>	<u>2730.00</u>
POZMIX	<u>112</u>	@	<u>8.50</u>	<u>952.00</u>
GEL	<u>10</u>	@	<u>21.25</u>	<u>212.50</u>
CHLORIDE		@		
ASC		@		
	<u>70 # lb seal</u>	@	<u>2.70</u>	<u>189.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>273</u>	@	<u>2.25</u>	<u>659.25</u>
MILEAGE	<u>455 292x44x11</u>			<u>1.547.00</u>
				TOTAL <u>6.289.00</u>

SERVICE  
 DEPTH OF JOB 2480  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1250.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE HUM 96 @ 7.00 672.00  
 MANIFOLD 2 UM 96 @ 4.00 384.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 2306.00

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

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 8.595.79  
 DISCOUNT 20% 1.719.15 IF PAID IN 30 DAYS  
6.876.63



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

COMPANY **ROSE-1-10**  
 LEASE **SHAKESPEAR OIL CO.**  
 FIELD **Wildcat**  
 LOCATION **2305 F.W.L**  
 SEC **10 T1WSP 16S R0E 34W**  
 COUNTY **Scott STATE Kansas**

CONTRACTOR **HD Rite 2**  
 SPUD **9-9-11** COMP  
 RTD **3600'** LTD  
 MUD UP **3600'** TYPE MUD **Chemical**  
 SAMPLES SAVED FROM **3800'** to **RTD**  
 DRILLING TIME KEPT FROM **3800'** to **RTD**  
 SAMPLES EXAMINED FROM **3800'** to **RTD**  
 GEOLOGICAL SUPERVISION FROM **3800'** to **RTD**  
 GEOLOGIST ON WELL **Tim Priest**

EL ELEVATIONS  
 KG 3128'  
 DF \_\_\_\_\_  
 GL 3118'  
 Measurements Are All From **KB**

CASINGS  
 CONDUCTION **N/A**  
 SURFACE **8-5/8" @'**  
 PRODUCTION \_\_\_\_\_

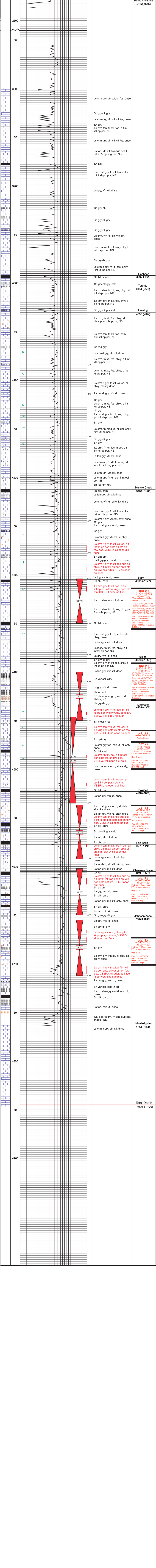
ELECTRICAL  
 CND/D/SP/P/E  
 Micro sonic  
 By: Weatherford

FORMATION TOPS  
 ELECTRIC LOG  
 SAMPLE

Anyvrite  
 Heebner Shale  
 Lansing  
 SARK  
 BRC  
 Fort Scott  
 Cherokee Shale  
 Mississippi



REMARKS  
 Respectfully Submitted,  
 API #15-171-20835-00-00  
 Tim Priest  
 Petroleum Geologist





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44386

**DST#: 1**

Test Start: 2011.09.15 @ 17:50:25

## GENERAL INFORMATION:

Formation: **K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:06:25  
 Time Test Ended: 02:55:40  
 Interval: **4304.00 ft (KB) To 4350.00 ft (KB) (TVD)**  
 Total Depth: 4350.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole  
 Tester: Shane McBride  
 Unit No: 55  
 Reference Elevations: 3128.00 ft (KB)  
 3118.00 ft (CF)  
 KB to GR/CF: 10.00 ft

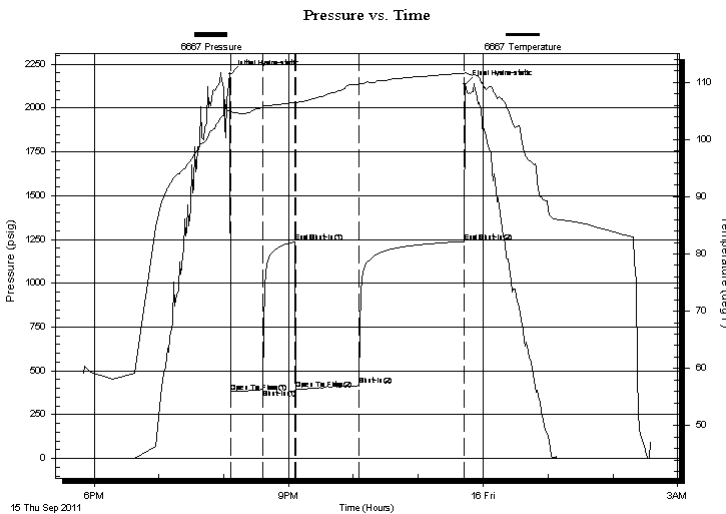
**Serial #: 6667**

**Outside**

Press @ Run Depth: 416.94 psig @ 4305.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.09.15 End Date: 2011.09.16 Last Calib.: 2011.09.16  
 Start Time: 17:50:25 End Time: 02:35:40 Time On Btm: 2011.09.15 @ 20:06:10  
 Time Off Btm: 2011.09.15 @ 23:43:10

**TEST COMMENT:** 6' of fill Tool opened making up head joint Bled off blow 1" in blow  
 No return  
 2 1/2" in blow  
 No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.48	105.14	Initial Hydro-static
1	379.90	104.80	Open To Flow (1)
30	395.54	105.72	Shut-In(1)
60	1235.61	106.50	End Shut-In(1)
61	396.32	106.36	Open To Flow (2)
120	416.94	109.62	Shut-In(2)
217	1237.82	111.57	End Shut-In(2)
217	2135.92	111.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
240.00	w c m 30%w 70%m	2.25
240.00	w c m 20%w 80%m	3.37
300.00	mud 100%m	4.21

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44386

**DST#: 1**

Test Start: 2011.09.15 @ 17:50:25

## 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:

33000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
240.00	w c m 30%w 70%m	2.246
240.00	w c m 20%w 80%m	3.367
300.00	mud 100%m	4.208

Total Length: 780.00 ft      Total Volume: 9.821 bbl

Num Fluid Samples: 0

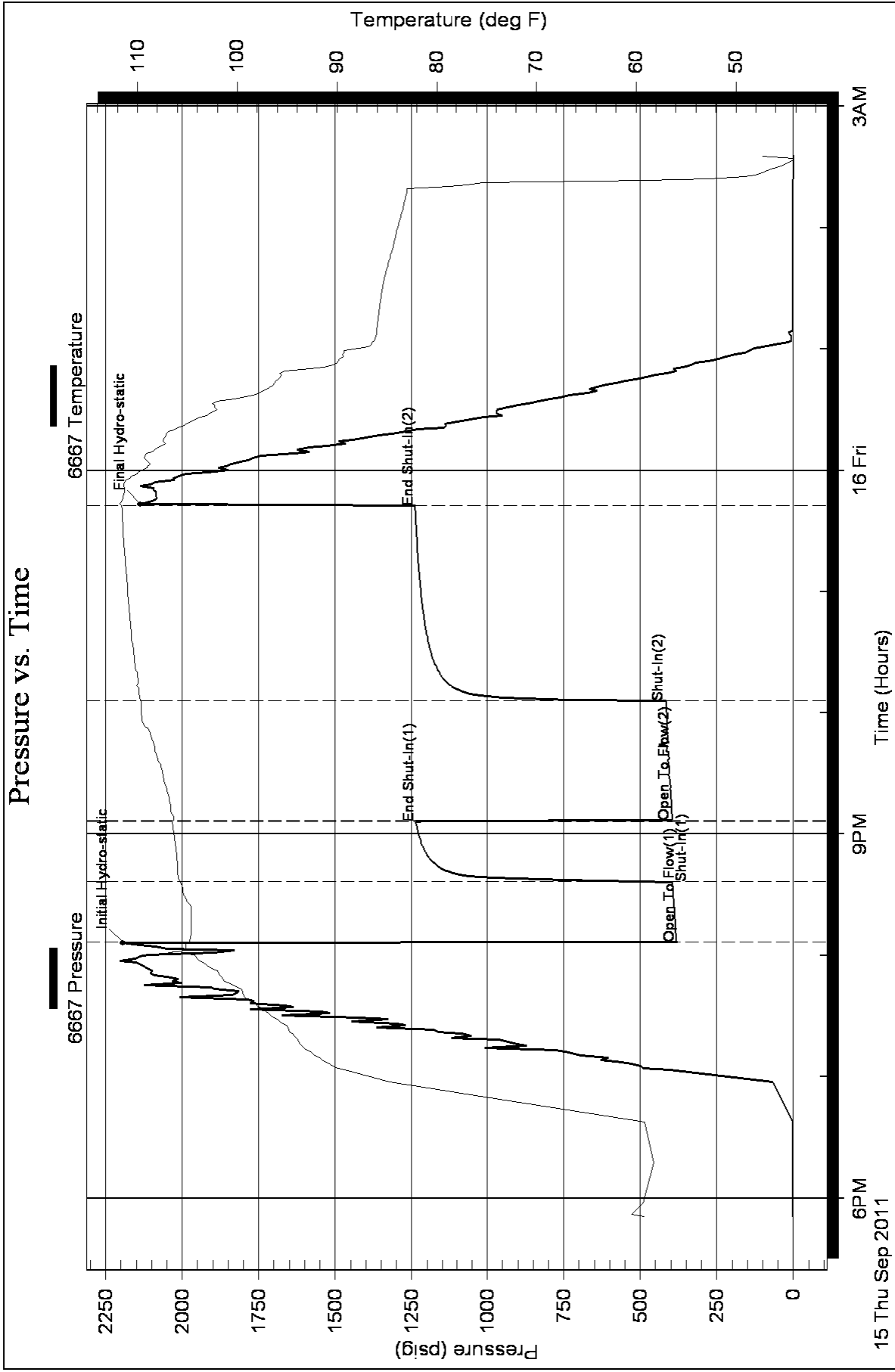
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .291 @ 50\*f = 33,000 chlor





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44387

**DST#: 2**

Test Start: 2011.09.16 @ 19:40:38

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:29:08

Time Test Ended: 03:55:38

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

**Interval: 4400.00 ft (KB) To 4450.00 ft (KB) (TVD)**

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4450.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 1314.30 psig @ 4401.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.16

End Date:

2011.09.17

Last Calib.:

2011.09.17

Start Time: 19:40:38

End Time:

03:38:38

Time On Btm:

2011.09.16 @ 21:28:23

Time Off Btm:

2011.09.17 @ 00:31:38

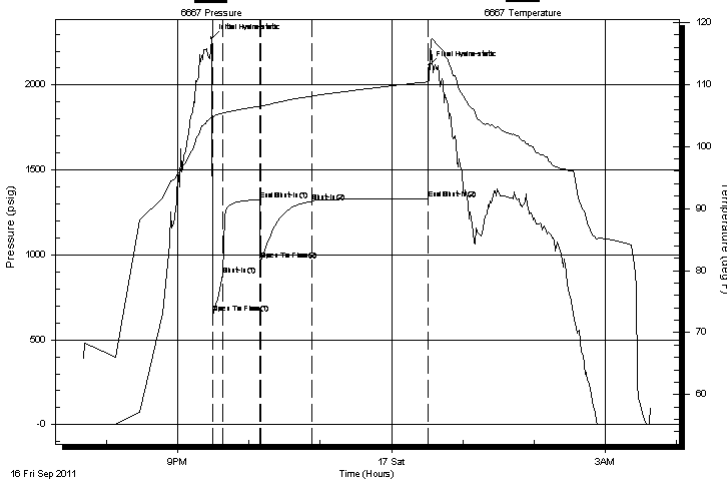
**TEST COMMENT:** B.O.B. in 1/2 min.

No return

B.O.B. in 1 min., Died back to 10" in.

No return

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2275.07	104.66	Initial Hydro-static
1	658.09	104.58	Open To Flow (1)
10	884.51	105.41	Shut-In(1)
41	1325.32	106.50	End Shut-In(1)
42	968.64	106.49	Open To Flow (2)
85	1314.30	108.13	Shut-In(2)
183	1331.39	110.43	End Shut-In(2)
184	2114.98	110.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2520.00	water 100%w reversed out	34.23
180.00	s m c w 5% m 95% w	2.52
140.00	m c w 20% m 80% w	1.96

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott,Ks**

Job Ticket: 44387

**DST#: 2**

Test Start: 2011.09.16 @ 19:40:38

### 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: 42000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.56 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 bbl
2520.00	water 100%w reversed out	34.229
180.00	s m c w 5%m 95%w	2.525
140.00	m c w 20%m 80%w	1.964

Total Length: 2840.00 ft      Total Volume: 38.718 bbl

Num Fluid Samples: 0

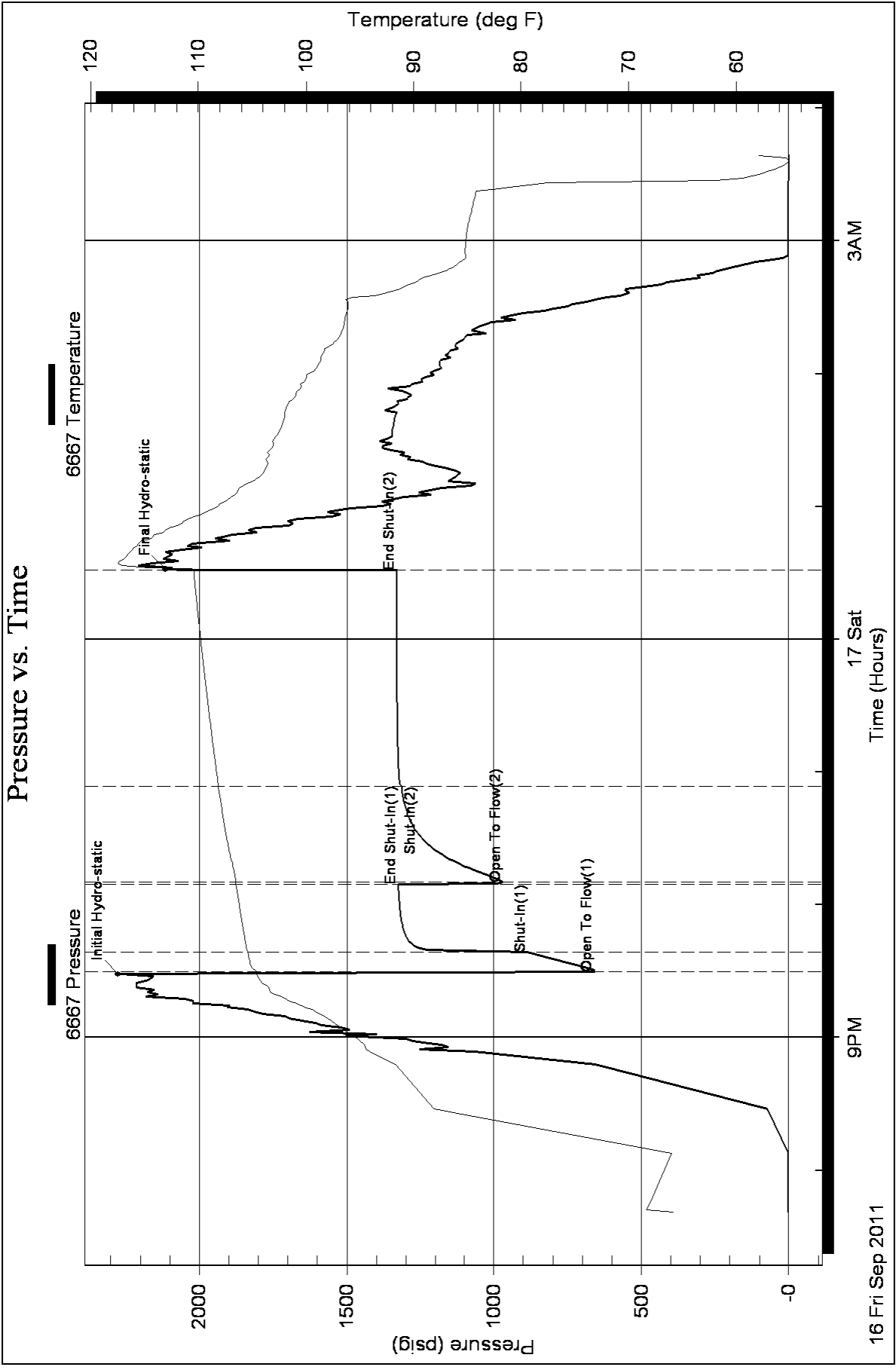
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .195 @ 60\*f = 42,000 chlor





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44388

**DST#: 3**

Test Start: 2011.09.17 @ 18:50:42

## GENERAL INFORMATION:

Formation: **Marmaton-Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:45:00

Time Test Ended: 22:55:12

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

**Interval: 4448.00 ft (KB) To 4535.00 ft (KB) (TVD)**

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: psig @ 4449.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.17 End Date: 2011.09.17

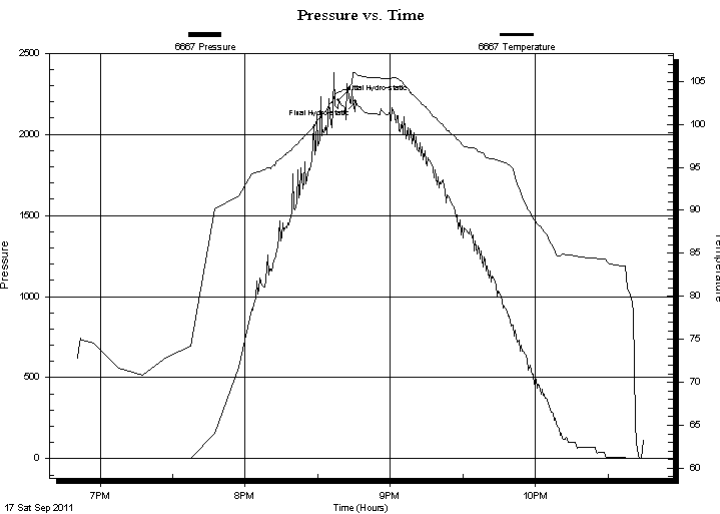
Last Calib.: 2011.09.17

Start Time: 18:50:42 End Time: 22:45:12

Time On Btm: 2011.09.17 @ 20:38:42

Time Off Btm: 2011.09.17 @ 20:45:42

TEST COMMENT: Packers failed @ open reset failed again pull tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2212.46	103.79	Initial Hydro-static
7	2202.87	105.90	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
210.00	mud 100% m	1.83

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44388

**DST#: 3**

Test Start: 2011.09.17 @ 18:50:42

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
210.00	mud 100%m	1.825

Total Length: 210.00 ft      Total Volume: 1.825 bbl

Num Fluid Samples: 0

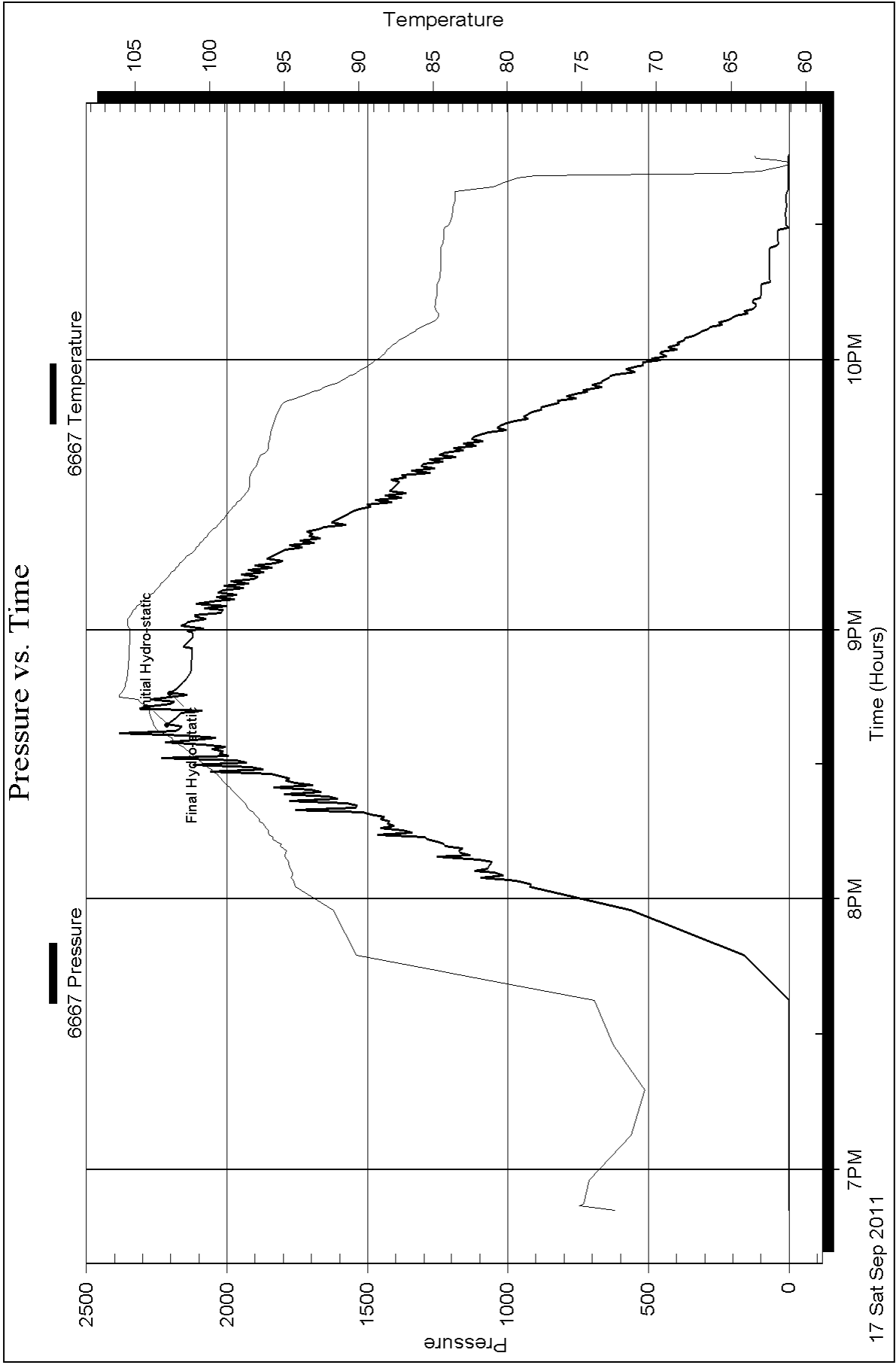
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44389

**DST#: 4**

Test Start: 2011.09.17 @ 23:11:05

## GENERAL INFORMATION:

Formation: **Marmaton, Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:23:20

Time Test Ended: 06:35:35

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

**Interval: 4446.00 ft (KB) To 4535.00 ft (KB) (TVD)**

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4535.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 23.12 psig @ 4447.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.17 End Date: 2011.09.18

Last Calib.: 2011.09.18

Start Time: 23:11:05 End Time: 06:18:35

Time On Btm: 2011.09.18 @ 01:22:35

Time Off Btm: 2011.09.18 @ 03:29:05

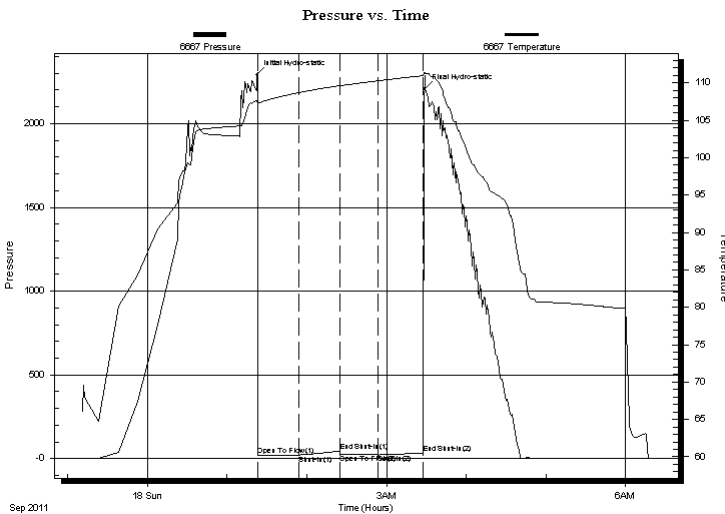
**TEST COMMENT:** 1/2" in blow, died back to 1/8" in.

No return

No blow

No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2289.83	107.63	Initial Hydro-static
1	22.45	107.22	Open To Flow (1)
32	22.96	108.72	Shut-In(1)
63	44.77	109.64	End Shut-In(1)
63	23.61	109.64	Open To Flow (2)
91	23.12	110.30	Shut-In(2)
125	33.61	110.99	End Shut-In(2)
127	2207.45	111.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott,Ks**

Job Ticket: 44389

**DST#: 4**

Test Start: 2011.09.17 @ 23:11:05

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

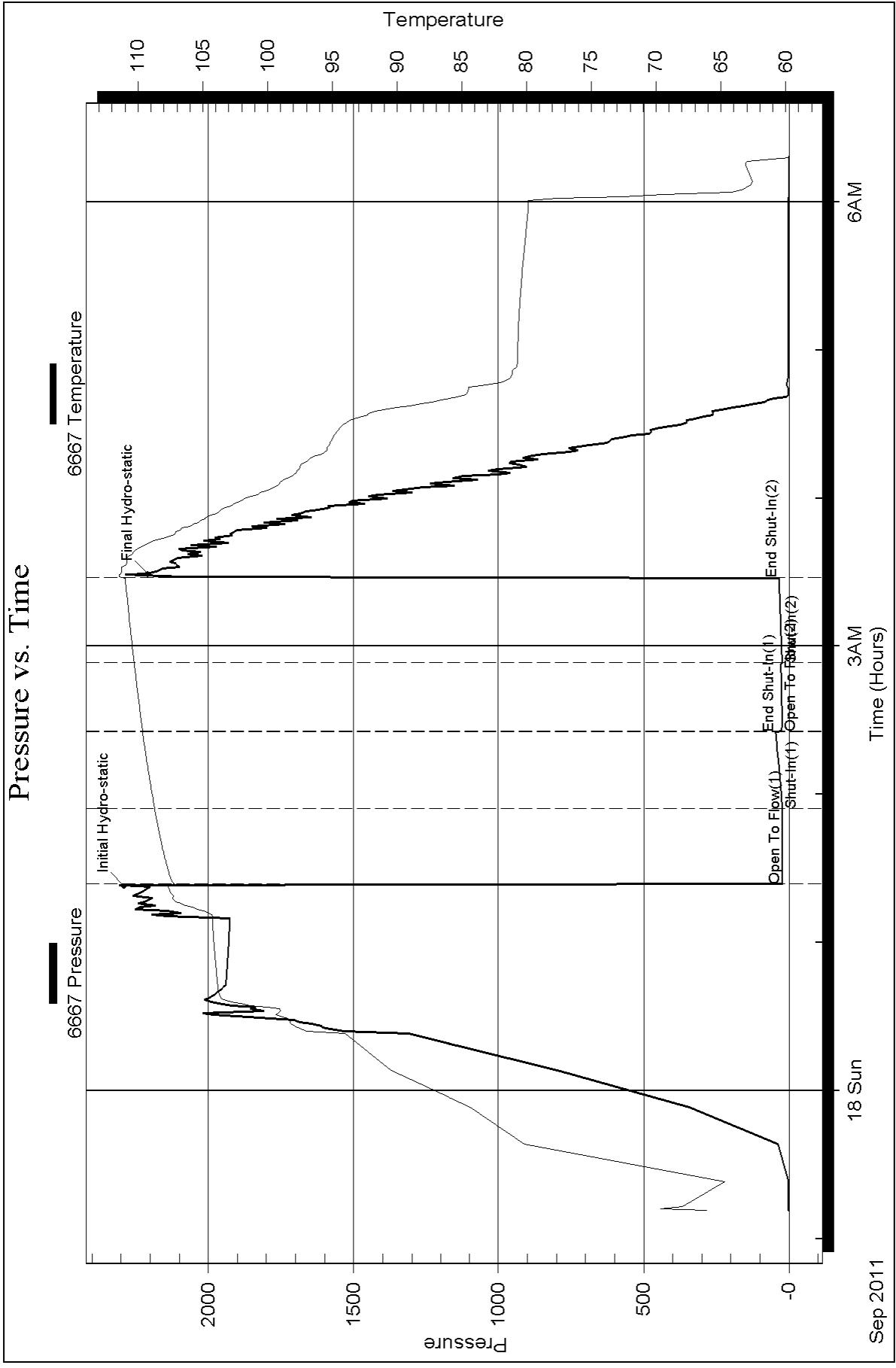
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44390

**DST#: 5**

Test Start: 2011.09.18 @ 18:52:46

## GENERAL INFORMATION:

Formation: **Myric Station, Ft Sc**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:42:46

Time Test Ended: 01:05:01

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 55

**Interval: 4537.00 ft (KB) To 4592.00 ft (KB) (TVD)**

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4592.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 20.14 psig @ 4538.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.18

End Date:

2011.09.19

Last Calib.:

2011.09.19

Start Time: 18:52:46

End Time:

00:51:01

Time On Btm:

2011.09.18 @ 20:42:31

Time Off Btm:

2011.09.18 @ 22:45:31

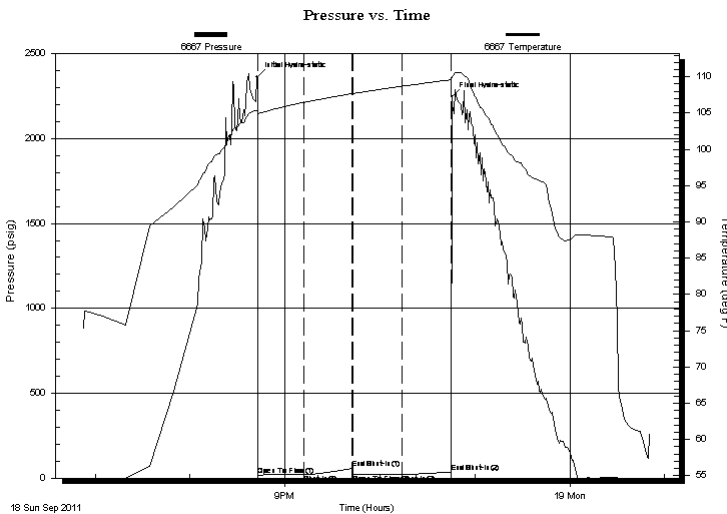
**TEST COMMENT:** 1/8" in blow, died in 12 min

No return

No blow

No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2363.58	105.28	Initial Hydro-static
1	18.84	104.83	Open To Flow (1)
30	19.85	106.47	Shut-In(1)
60	57.68	107.68	End Shut-In(1)
61	20.87	107.67	Open To Flow (2)
92	20.14	108.69	Shut-In(2)
123	37.01	109.60	End Shut-In(2)
123	2249.54	110.08	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100% m	0.00

## Gas Rates

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



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

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44390

**DST#: 5**

Test Start: 2011.09.18 @ 18:52:46

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9600.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%m	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

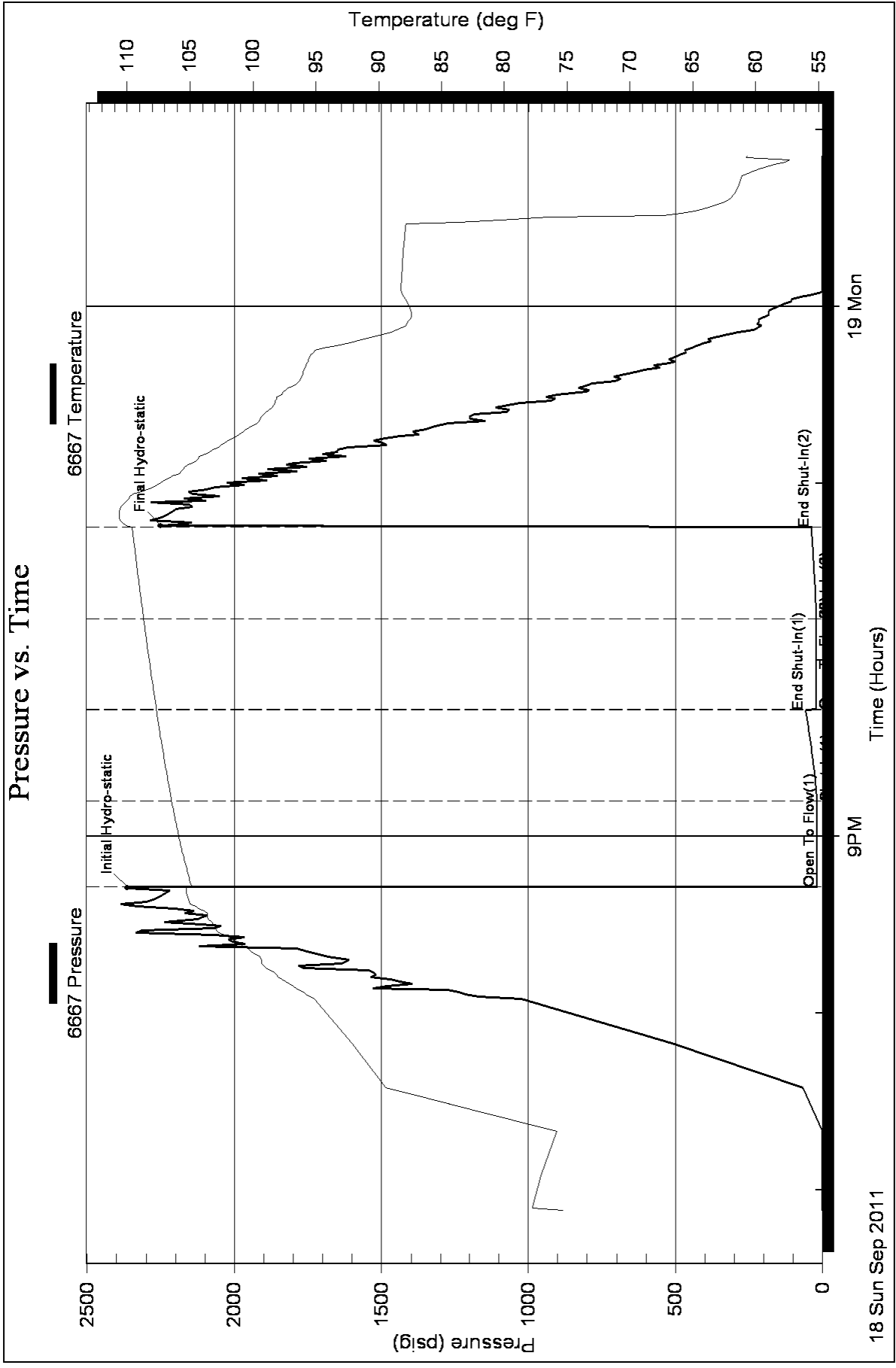
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44391

**DST#: 6**

Test Start: 2011.09.19 @ 13:00:56

## GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:30:56

Time Test Ended: 18:30:11

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

**Interval: 4602.00 ft (KB) To 4650.00 ft (KB) (TVD)**

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4650.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 31.90 psig @ 4603.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.19

End Date: 2011.09.19

Last Calib.: 2011.09.19

Start Time: 13:00:56

End Time: 18:22:11

Time On Btm: 2011.09.19 @ 14:30:41

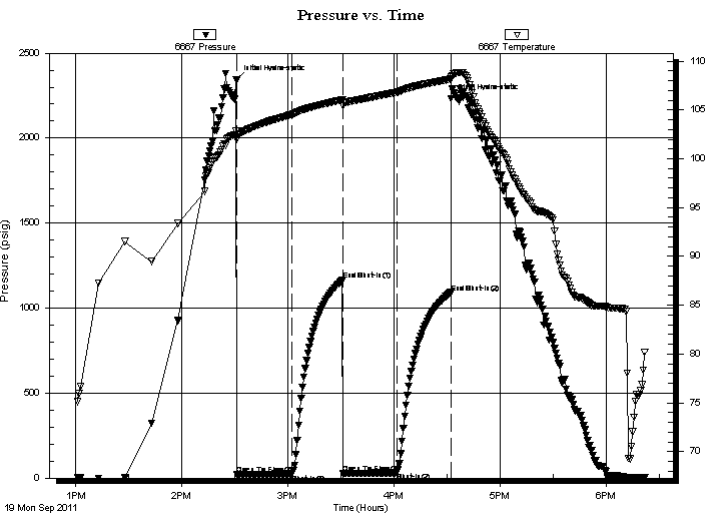
Time Off Btm: 2011.09.19 @ 16:32:11

**TEST COMMENT:** Weak blow died in 3 min

No return

No blow

No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2342.13	102.81	Initial Hydro-static
1	22.77	101.96	Open To Flow (1)
32	25.21	104.52	Shut-In(1)
60	1164.39	106.05	End Shut-In(1)
61	28.29	105.40	Open To Flow (2)
91	31.90	106.80	Shut-In(2)
122	1091.72	108.15	End Shut-In(2)
122	2232.22	108.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.01

\* 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

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44391

**DST#: 6**

Test Start: 2011.09.19 @ 13:00:56

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100%m	0.010

Total Length: 2.00 ft      Total Volume: 0.010 bbl

Num Fluid Samples: 0

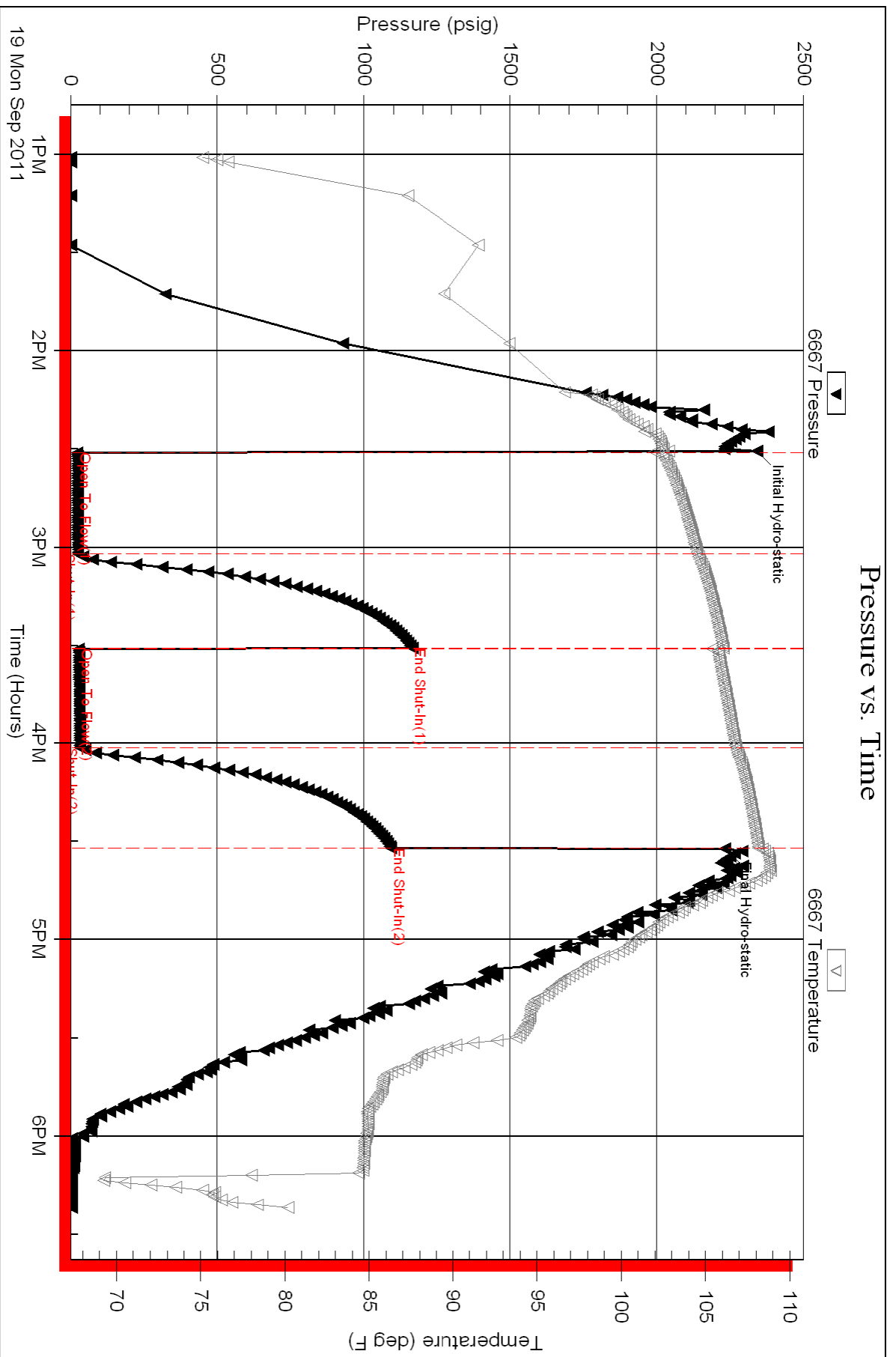
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Shakespeare Oil Co Inc

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44392

**DST#: 7**

Test Start: 2011.09.20 @ 11:25:27

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:14:12

Time Test Ended: 17:30:12

Test Type: Conventional Bottom Hole (Reset)

Tester: Shane McBride

Unit No: 55

**Interval: 4655.00 ft (KB) To 4712.00 ft (KB) (TVD)**

Reference Elevations: 3128.00 ft (KB)

Total Depth: 4712.00 ft (KB) (TVD)

3118.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6667 Outside**

Press @ Run Depth: 35.43 psig @ 4656.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.09.20

End Date: 2011.09.20

Last Calib.: 2011.09.20

Start Time: 11:25:27

End Time: 17:16:12

Time On Btm: 2011.09.20 @ 13:13:57

Time Off Btm: 2011.09.20 @ 15:17:27

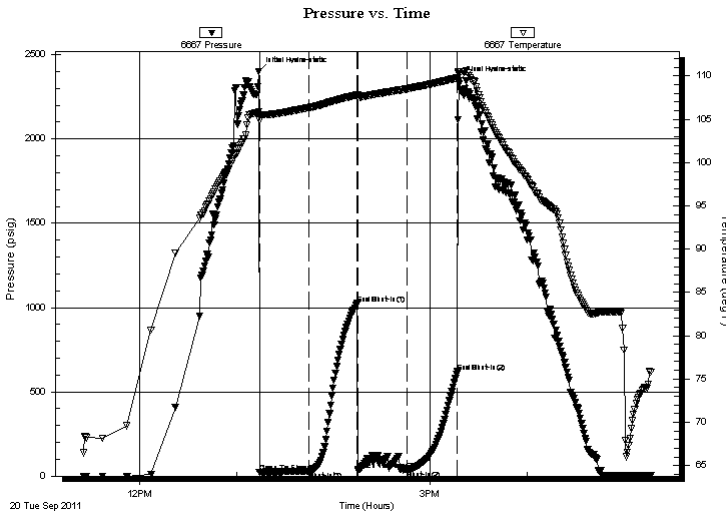
**TEST COMMENT:** 1/4" in blow died in 20 min

No return

No blow

No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2401.59	105.89	Initial Hydro-static
1	21.78	104.93	Open To Flow (1)
31	29.95	106.35	Shut-In(1)
61	1024.02	107.81	End Shut-In(1)
62	33.38	107.54	Open To Flow (2)
92	35.43	108.52	Shut-In(2)
123	619.56	109.79	End Shut-In(2)
124	2348.80	110.30	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	0.02

## 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

**Rose #1-10**

202 West Main St  
Salem, IL  
62881  
ATTN: Tim Priest

**10-16-34w Scott, Ks**

Job Ticket: 44392

**DST#: 7**

Test Start: 2011.09.20 @ 11:25:27

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9200.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	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:

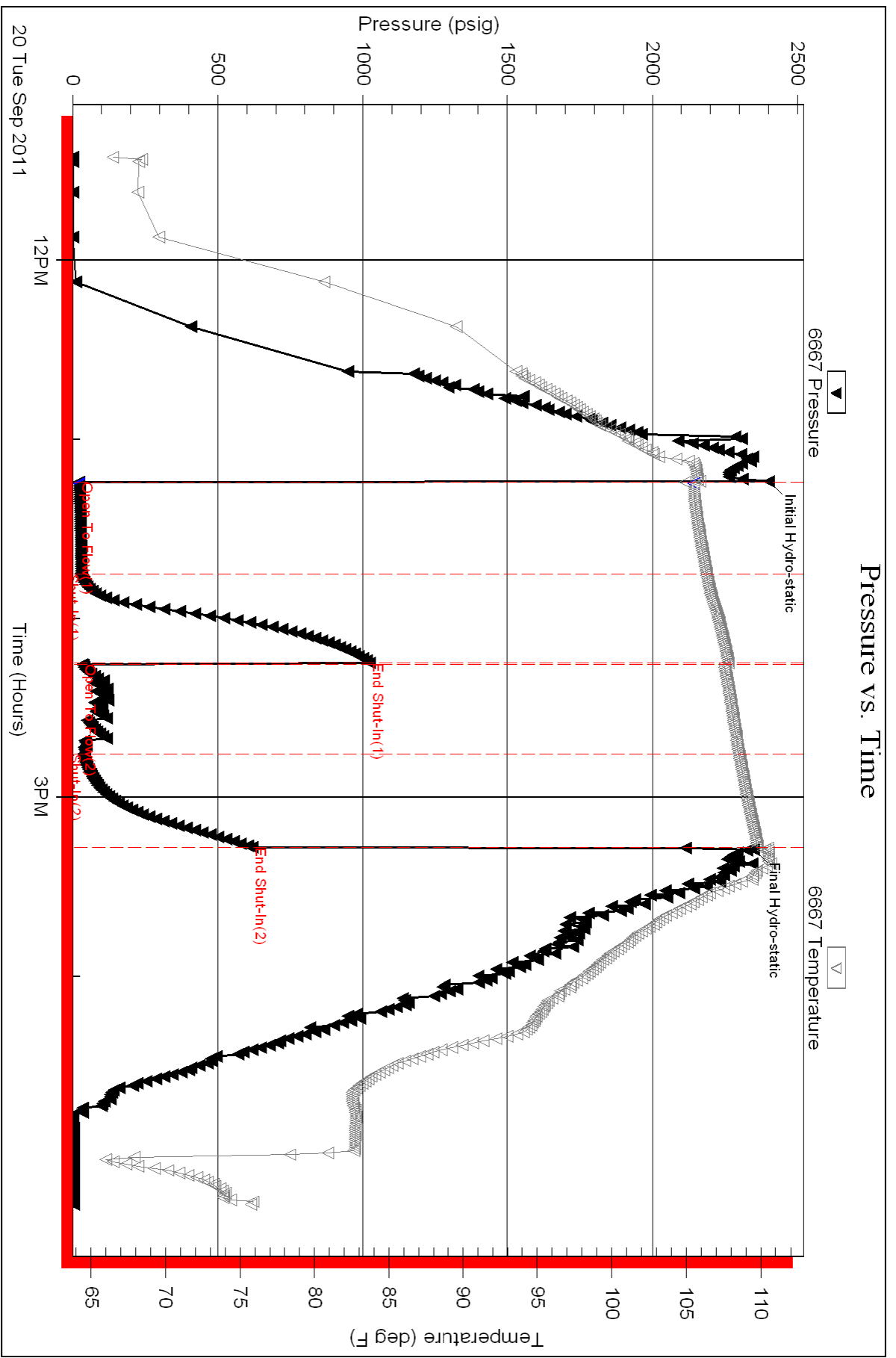
Recovery Comments:

Serial #: 6667

Outside Shakespeare Oil Co Inc

10-16-34w Scott, Ks

DST Test Number: 7



Triobite Testing, Inc

Ref. No: 44392

Printed: 2011.09.21 @ 08:35:00

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



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

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

Sam Brownback, Governor

October 12, 2011

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

Re: ACO1  
API 15-171-20835-00-00  
Rose 1-10  
NW/4 Sec.10-16S-34W  
Scott County, Kansas

Dear Production Department:

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

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

Respectfully,  
Donald R. Williams