



**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: \_\_\_\_\_



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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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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Jason Oil Company, LLC
Well Name	Steinle 1
Doc ID	1124537

Tops

Name	Top	Datum
ANHYDRITE	900	1012
BASE	928	984
TOPEKA	2822	-910
HEEBNER SHALE	3056	-1144
TORONTO	3073	-1161
DOUGLAS	3086	-1174
LKC	3124	-1212
BKC	3325	-1414
ARBUCKLE	3352	-1440

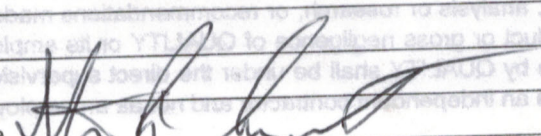
# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 6200

Date	11-25-12	Sec.	3	Twp.	16	Range	14	County	Barton	State	Ks	On Location		Finish	2:45 PM
Lease								Well No.		Owner					
Steinle								1		N. Into					
Contractor								#4		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Type Job										Charge To					
Production										Jason oil					
Hole Size				T.D.				Depth				Street			
7 7/8"				3450'				3445'							
Csg. Size				Depth				City				State			
5 1/2" <del>5 1/2"</del> 15 1/2"															
Tool								Depth		The above was done to satisfaction and supervision of owner agent or contractor.					
Cement Left in Csg.								Shoe Joint		Cement Amount Ordered					
16.40'								16.40'		150 sx Common 10% Salt					
Meas Line								Displace		5% Gilsonite - 500 gal Mud Clear 48					
								8 1/2 BUS		Common 150					
<b>EQUIPMENT</b>															
Pumptrk		No.		Cementer		Helper		Poz. Mix							
16				Travis											
Bulktrk		No.		Driver		Driver		Gel.							
14				Billy											
Bulktrk		No.		Driver		Driver		Calcium							
p.u.				Rick											
<b>JOB SERVICES &amp; REMARKS</b>															
Remarks:								Salt							
pipe on bottom, break Circulation								13							
Rat Hole								Flowseal							
pump 500gal Mud Clear 48								250#							
Mouse Hole								Kol-Seal							
plug Rathole w/ 30 sx.															
Centralizers								Mud CLR 48							
shut down, Hook to Casing								500 gal							
Baskets + mix								CFL-117 or CD110 CAF 38							
120 sx Cement, shut															
D/V or Port Collar								Sand							
down, Wash pump +															
Lines, Released plug + Displaced								Handling							
w/ 8 1/2 BUS of water. Released +								170							
held.								Mileage							
Lift pressure								<b>FLOAT EQUIPMENT</b>							
700 #								Guide Shoe							
Land plug to 1200 #								Centralizer							
								7 turbo's							
								Baskets							
								1							
								AFU Inserts							
turbo's - 1, 3, 5, 7, 9, 11, 13								Float Shoe							
								1							
Basket - 2nd Jt.								Latch Down							
								1							
								1 - Rotating head Assy							
								1 - Limit Clamp							
								Pumptrk Charge							
								prod Long String							
								Mileage							
								1/8							
												Tax			
												Discount			
												Total Charge			
X Signature 															

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

No. 6099

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

*Boon*

Date	11-18-12	Sec.	3	Twp.	16	Range	14	County	<del>Boon</del>	State	KS	On Location		Finish	S.OOHM
Location													<i>Russell St on CL on 281 IS by W &amp; N side</i>		

Lease	<i>Steinle</i>		Well No.	<i>7</i>		Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Contractor	<i>Southwind 4</i>					Charge To	<i>Jason Oil</i>								
Type Job	<i>Surface</i>					Street	<del>Jason Oil</del>								
Hole Size	<i>12 1/4</i>		T.D.	<i>431</i>		City	State								
Csg.	<i>8 5/8</i>		Depth	<i>431</i>		The above was done to satisfaction and supervision of owner agent or contractor.									
Tbg. Size			Depth			Cement Amount Ordered	<i>200 3% U 2% Sol</i>								
Tool			Depth												
Cement Left in Csg.	<i>20ft</i>		Shoe Joint	<i>20ft</i>											
Meas Line			Displace	<i>26.1/4</i>											

**EQUIPMENT**

Pumptrk	<i>5</i>	No.	Cementor		Common	<i>200</i>
			Helper	<i>Math</i>	Poz. Mix	
Bulktrk	<i>14</i>	No.	Driver	<i>Brett</i>	Gel.	<i>4</i>
			Driver		Calcium	<i>7</i>
Bulktrk	<i>pa</i>	No.	Driver	<i>Billy</i>	Hulls	
			Driver		Salt	

**JOB SERVICES & REMARKS**

Remarks:	
Rat Hole	Flowseal
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
	Handling <i>211</i>
	Mileage

*Mix out of pre mix joint  
Muddy water*

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

*Cement did Circulate*

Pumptrk Charge	<i>Surface</i>	Tax	
Mileage	<i>18</i>	Discount	
		Total Charge	

X Signature

*David J. [Signature]*

*Thanks*



## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company LLC**

3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701

ATTN: Jeff Lawler

**Steinle #1**

**3/16S/14W/Barton**

Start Date: 2012.11.23 @ 04:40:00

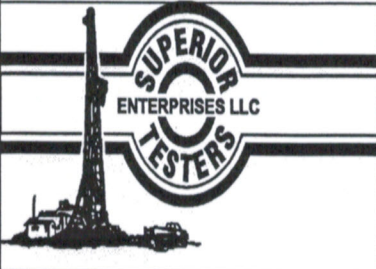
End Date: 2012.11.23 @ 10:12:30

Job Ticket #: 16916                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.11.27 @ 04:50:59

Jason Oil Company LLC    3/16S/14W/Barton    Steinle #1    DST # 1    Lansing/Kansas City    2012.11.23



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

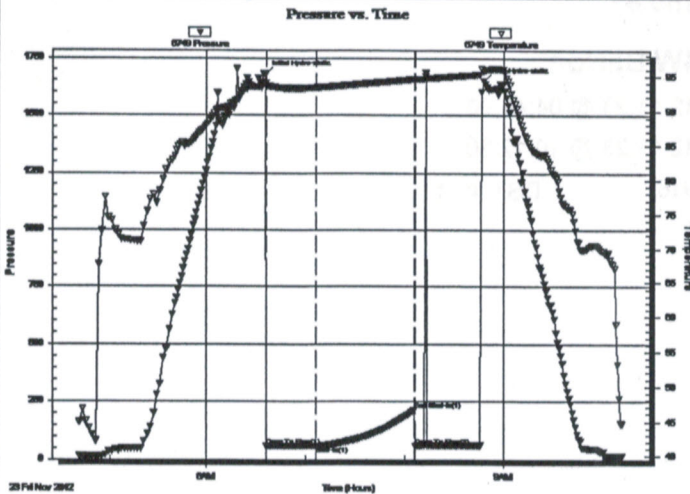
**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16916      DST#: 1  
 Test Start: 2012.11.23 @ 04:40:00

## GENERAL INFORMATION:

Formation: **Lansing/Kansas City**  
 Deviated: **No Whipstock:**      ft (KB)  
 Time Tool Opened: 06:36:30  
 Time Test Ended: 10:12:30  
 Interval: **3260.00 ft (KB) To 3325.00 ft (KB) (TVD)**  
 Total Depth: **3325.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Ken Swinney**  
 Unit No: **3325 Great Bend/52**  
 Reference Elevations: **1913.00 ft (KB)**  
    **1905.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 6749**      **Inside**  
 Press@RunDepth: **59.37 psia @ 3321.58 ft (KB)**      Capacity: **5000.00 psia**  
 Start Date: **2012.11.23**      End Date: **2012.11.23**      Last Calib.: **2012.11.23**  
 Start Time: **04:41:00**      End Time: **10:12:30**      Time On Btm: **2012.11.23 @ 06:36:00**  
    **10:12:30**      Time Off Btm: **2012.11.23 @ 08:47:30**

**TEST COMMENT:** 1ST Open      30 Minutes/Weak blow /Blow built to 3/4 inch in 5 minutes/Blow died in 25 minutes  
 1ST Shut In      60 Minutes/No blow back  
 2ND Open      40 Minutes/Dead no blow /Flush tool didn't help/Pull tool



## PRESSURE SUMMARY

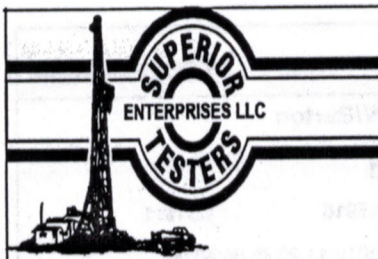
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1678.54	94.01	Initial Hydro-static
1	57.72	93.60	Open To Flow (1)
31	59.37	93.32	Shut-In(1)
90	212.47	94.52	End Shut-In(1)
91	59.58	94.50	Open To Flow (2)
132	1646.85	95.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

## Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

3/16S/14W/Barton

Steinle #1

Job Ticket: 16916      DST#: 1  
 Test Start: 2012.11.23 @ 04:40:00

## GENERAL INFORMATION:

Formation: **Lansing/Kansas City**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:36:30  
 Time Test Ended: 10:12:30

Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Great Bend/52

Interval: **3260.00 ft (KB) To 3325.00 ft (KB) (TVD)**  
 Total Depth: 3325.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 1913.00 ft (KB)  
 1905.00 ft (CF)  
 KB to GR/CF: 8.00 ft

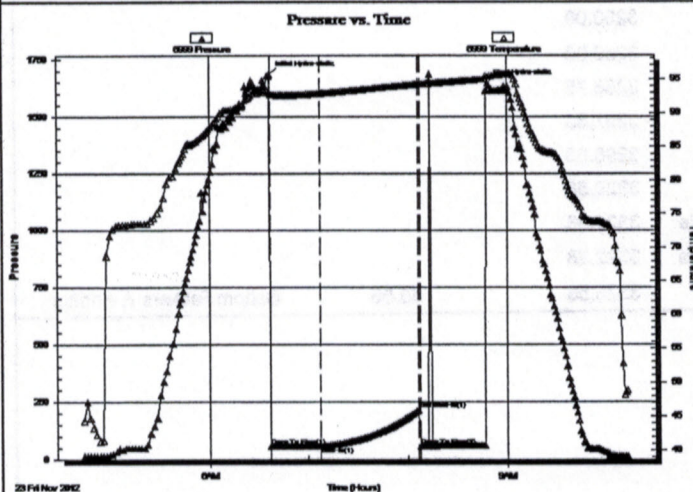
## Serial #: 6999

Outside

Press@RunDepth: 213.95 psia @ 3322.58 ft (KB)  
 Start Date: 2012.11.23 End Date: 2012.11.23  
 Start Time: 04:41:00 End Time: 10:13:30

Capacity: 5000.00 psia  
 Last Calib.: 2012.11.23  
 Time On Btm: 2012.11.23 @ 06:37:00  
 Time Off Btm: 2012.11.23 @ 08:48:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 3/4 inch in 5 minutes/Blow died in 25 minutes  
 1ST Shut In 60 Minutes/No blow back  
 2ND Open 40 Minutes/Dead no blow /Flush tool didn't help/Pull tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1684.28	93.03	Initial Hydro-static
1	57.75	92.73	Open To Flow (1)
31	58.83	92.89	Shut-In(1)
90	213.95	94.22	End Shut-In(1)
91	59.07	94.22	Open To Flow (2)
132	1646.55	95.36	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

## Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)





# DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company LLC

3/16S/14W/Barton

3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

Steinle #1

Job Ticket: 16916

DST#: 1

Test Start: 2012.11.23 @ 04:40:00

## Tool Information

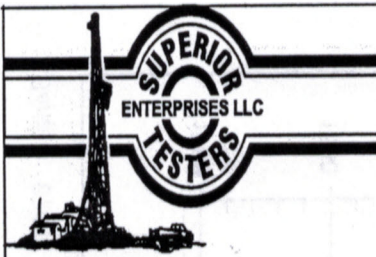
Drill Pipe:	Length: 3252.00 ft	Diameter: 3.80 inches	Volume: 45.62 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.62 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3260.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.58 ft			
Tool Length:	85.58 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3245.00	
Hydraulic Tool	5.00			3250.00	
Packer	5.00			3255.00	20.00 Bottom Of Top Packer
Packer	5.00			3260.00	
Perforations	6.00			3266.00	
Change Over Sub	0.75			3266.75	
Drill Pipe	31.08			3297.83	
Change Over Sub	0.75			3298.58	
Perforations	22.00			3320.58	
Recorder	1.00	6749	Inside	3321.58	
Recorder	1.00	6999	Outside	3322.58	
Bullnose	3.00			3325.58	65.58 Bottom Packers & Anchor

**Total Tool Length: 85.58**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Jason Oil Company LLC  
3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701  
ATTN: Jeff Lawler

3/16S/14W/Barton  
**Steinle #1**  
Job Ticket: 16916      DST#: 1  
Test Start: 2012.11.23 @ 04:40:00

### 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: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 6749

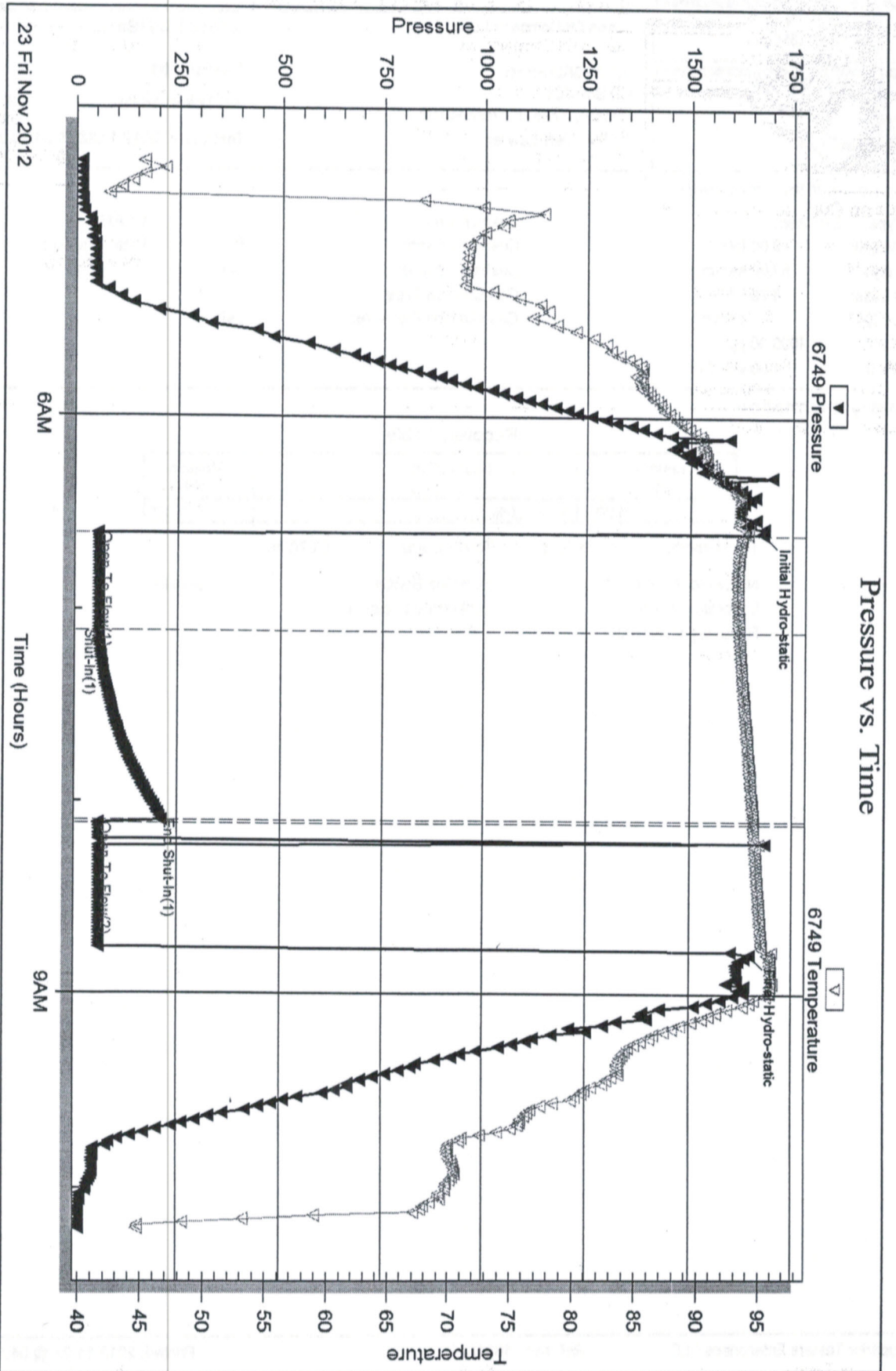
Inside

Jason Oil Company LLC

Steinle #1

DST Test Number: 1

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16916

Printed: 2012.11.27 @ 04:51:00

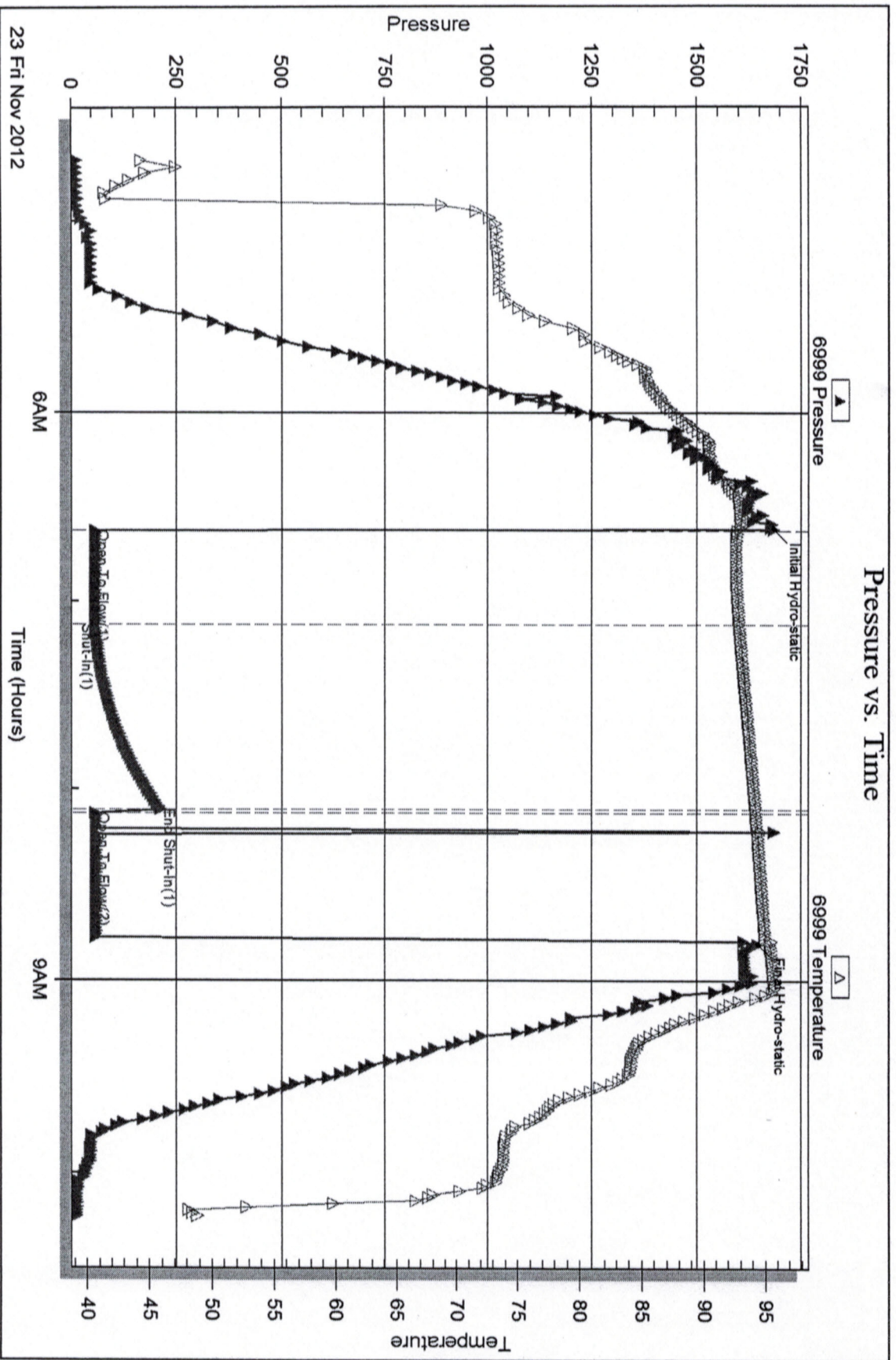
Serial #: 6999

Outside Jason Oil Company LLC

Series #1

DST Test Number: 1

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16916

Printed: 2012.11.27 @ 04:51:00





## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company LLC**

3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701

ATTN: Jeff Lawler

### Steinle #1

#### 3/16S/14W/Barton

Start Date: 2012.11.23 @ 18:27:00

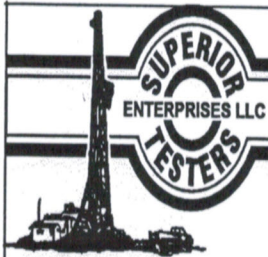
End Date: 2012.11.23 @ 23:05:00

Job Ticket #: 16917                      DST #: 2

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.11.27 @ 04:51:13

Jason Oil Company LLC    3/16S/14W/Barton    Steinle #1    DST # 2    Artbuckle    2012.11.23



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

3/16S/14W/Barton

Steinle #1

Job Ticket: 16917

DST#: 2

Test Start: 2012.11.23 @ 18:27:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:58:30

Time Test Ended: 23:05:00

Interval: 3326.00 ft (KB) To 3361.00 ft (KB) (TVD)

Total Depth: 3361.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/52

Reference Elevations: 1913.00 ft (KB)

1905.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6749

Inside

Press@RunDepth: 44.34 psia @ 3358.00 ft (KB)

Start Date: 2012.11.23

End Date:

2012.11.23

Start Time: 18:28:00

End Time:

23:05:00

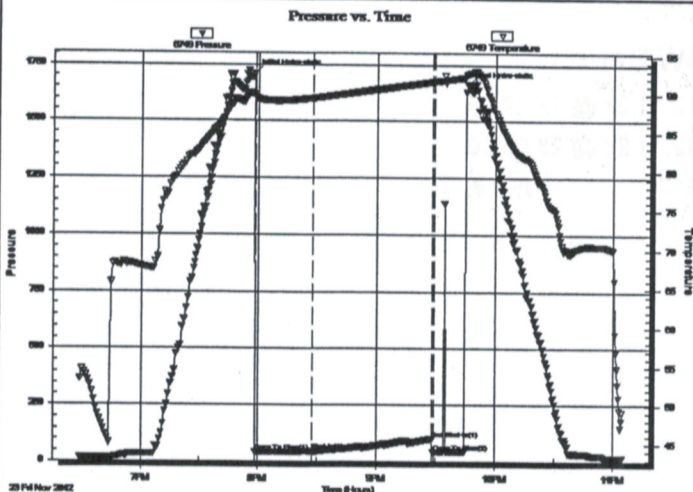
Capacity: 5000.00 psia

Last Calib.: 2012.11.23

Time On Btm: 2012.11.23 @ 19:58:00

Time Off Btm: 2012.11.23 @ 21:45:30

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 3/4 inch then died to weak surface blow  
 1ST Shut In 60 Minutes/No blow back  
 2ND Open 15 Minutes/Dead no blow /Flush tool didn't help/Pull tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1708.89	89.94	Initial Hydro-static
1	41.80	89.53	Open To Flow (1)
30	44.34	89.44	Shut-In(1)
90	101.60	91.59	End Shut-In(1)
91	41.83	91.61	Open To Flow (2)
108	1660.58	92.54	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Lightly oil spotted mud	0.07
0.00	Oil 1% Mud 99%	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

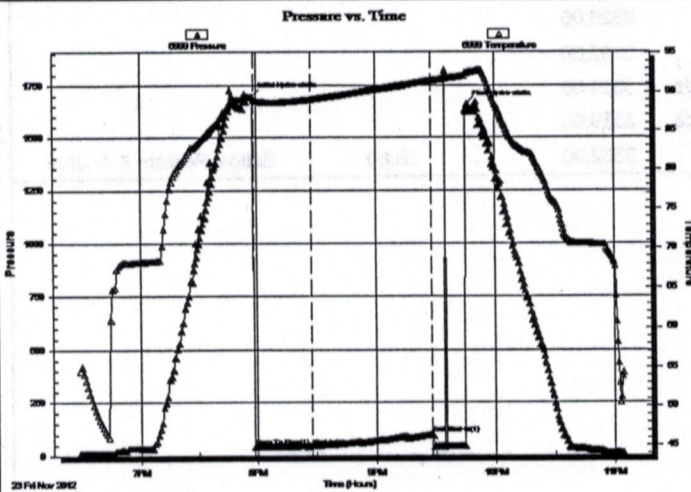
**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16917      DST#: 2  
 Test Start: 2012.11.23 @ 18:27:00

### GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock:      ft (KB)  
 Time Tool Opened: 19:58:30  
 Time Test Ended: 23:05:00  
 Interval: **3326.00 ft (KB) To 3361.00 ft (KB) (TVD)**  
 Total Depth: **3361.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Ken Sw inney  
 Unit No: 3325 Great Bend/52  
 Reference Elevations: 1913.00 ft (KB)  
 1905.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6999      Outside**  
 Press@RunDepth: 101.34 psia @ 3359.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.11.23      End Date: 2012.11.23      Last Calib.: 2012.11.23  
 Start Time: 18:28:00      End Time: 23:05:00      Time On Btm: 2012.11.23 @ 19:58:00  
 Time Off Btm: 2012.11.23 @ 21:46:00

**TEST COMMENT:** 1ST Open      30 Minutes/Weak blow /Blow built to 3/4 inch then died to weak surface blow  
 1ST Shut In      60 Mintues/No blow back  
 2ND Open      15 Mintues/Dead no blow /Flush tool didn't help/Pull tool



### PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1698.90	89.18	Initial Hydro-static
1	42.05	88.85	Open To Flow (1)
30	44.89	89.03	Shut-In(1)
90	101.34	91.44	End Shut-In(1)
108	1660.57	92.44	Final Hydro-static

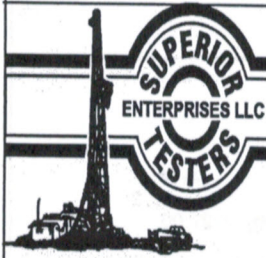
### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Lightly oil spotted mud	0.07
0.00	Oil 1% Mud 99%	0.00

### Gas Rates

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





# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16917      DST#: 2  
 Test Start: 2012.11.23 @ 18:27:00

**Tool Information**

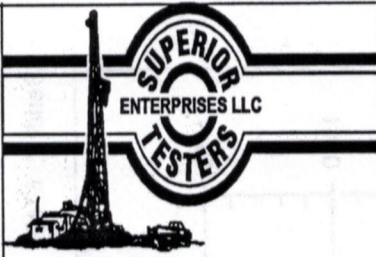
Drill Pipe:	Length: 3315.00 ft	Diameter: 3.80 inches	Volume: 46.50 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
		<b>Total Volume:</b>	<b>46.50 bbl</b>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3326.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3311.00	
Hydraulic Tool	5.00			3316.00	
Packer	5.00			3321.00	20.00      Bottom Of Top Packer
Packer	5.00			3326.00	
Anchor	31.00			3357.00	
Recorder	1.00	6749	Inside	3358.00	
Recorder	1.00	6999	Outside	3359.00	
Bullnose	3.00			3362.00	36.00      Bottom Packers & Anchor

**Total Tool Length: 56.00**



# DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Company LLC  
3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701  
ATTN: Jeff Lawler

3/16S/14W/Barton  
**Steinle #1**  
Job Ticket: 16917      **DST#: 2**  
Test Start: 2012.11.23 @ 18:27:00

## 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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Lightly oil spotted mud	0.070
0.00	Oil 1% Mud 99%	0.000

Total Length: 5.00 ft      Total Volume: 0.070 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

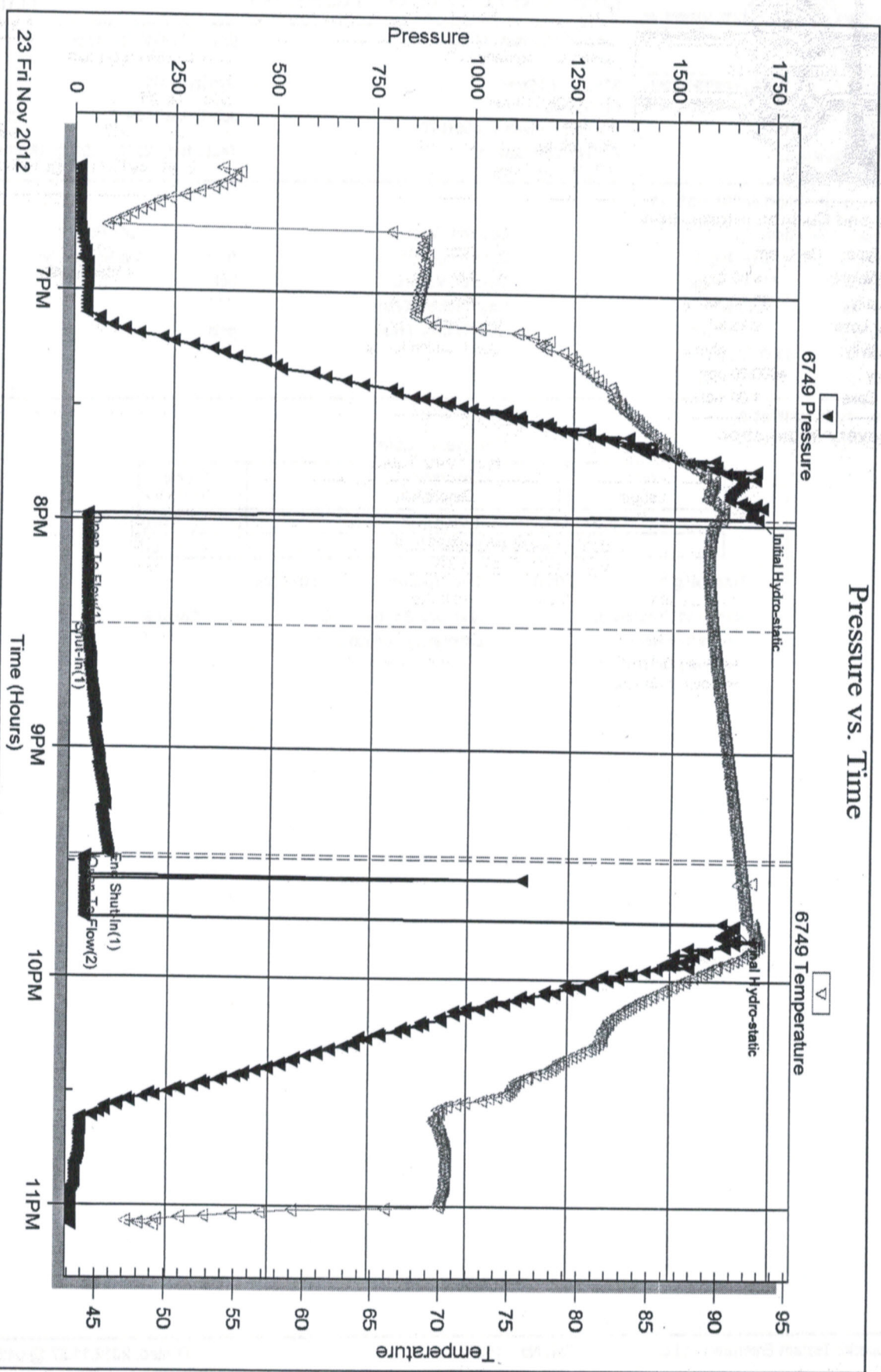
Serial #: 6749

Inside Jason Oil Company LLC

Steinle #1

DST Test Number: 2

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16917

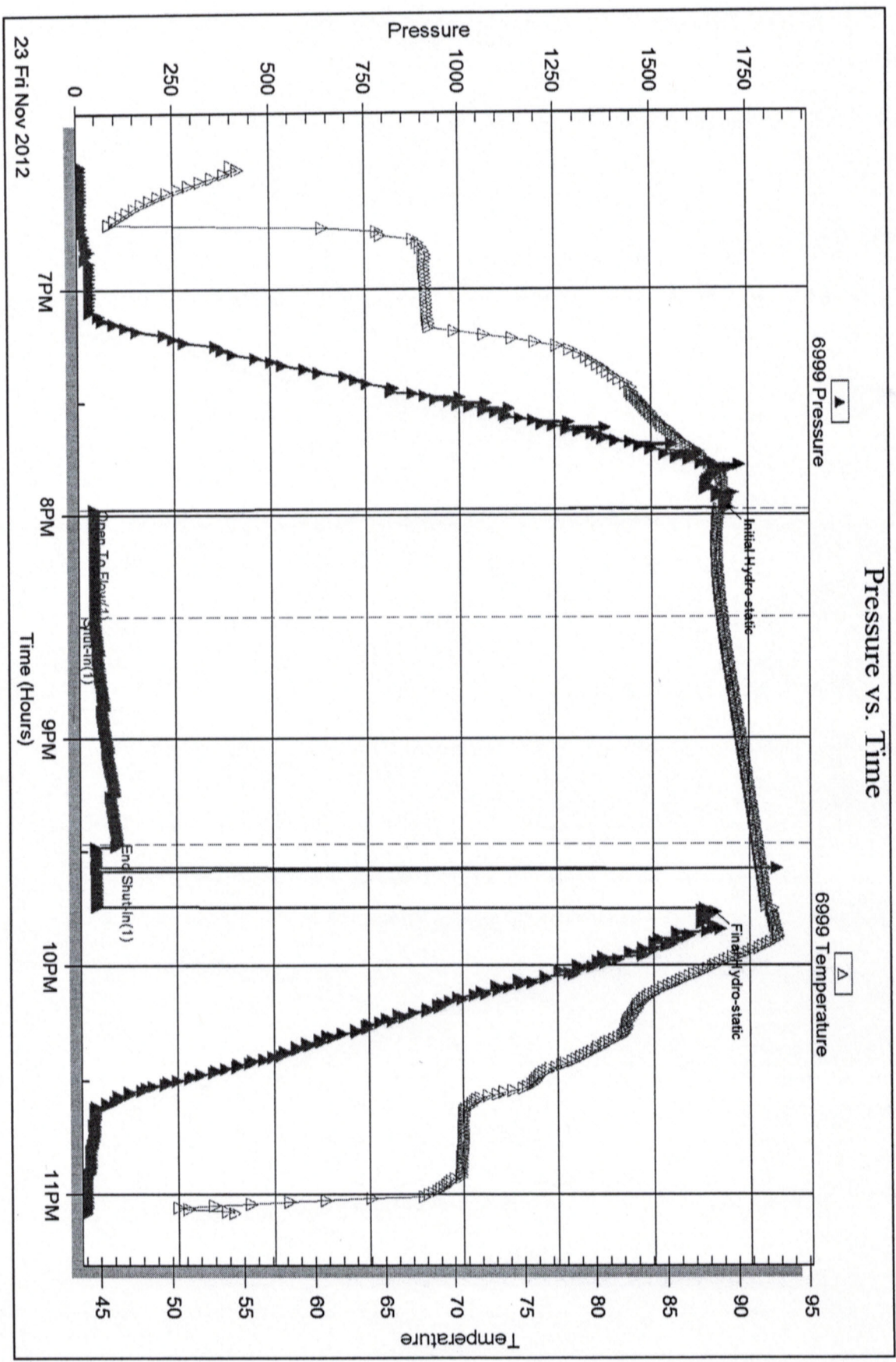
Printed: 2012.11.27 @ 04:51:15

Serial #: 6999

Outside Jason Oil Company LLC

Series #1

DST Test Number: 2



Superior Testers Enterprises LLC

Ref. No: 16917

Printed: 2012.11.27 @ 04:51:15





## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company LLC**

3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701

ATTN: Jeff Lawler

**Steinle #1**

**3/16S/14W/Barton**

Start Date: 2012.11.24 @ 12:35:00

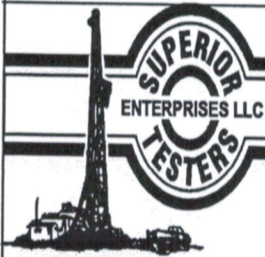
End Date: 2012.11.24 @ 18:17:00

Job Ticket #: 16918                      DST #: 3

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.11.27 @ 04:51:29

Jason Oil Company LLC    3/16S/14W/Barton    Steinle #1    DST # 3    Arbuckle    2012.11.24



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

3/16S/14W/Barton

Steinle #1

Job Ticket: 16918

DST#: 3

Test Start: 2012.11.24 @ 12:35:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 14:05:30  
 Time Test Ended: 18:17:00

Test Type: **Conventional Straddle (Initial)**  
 Tester: **Ken Swinney**  
 Unit No: **3325 Great Bend/52**

Interval: **3360.00 ft (KB) To 3375.00 ft (KB) (TVD)**  
 Total Depth: **3451.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **1913.00 ft (KB)**  
**1905.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

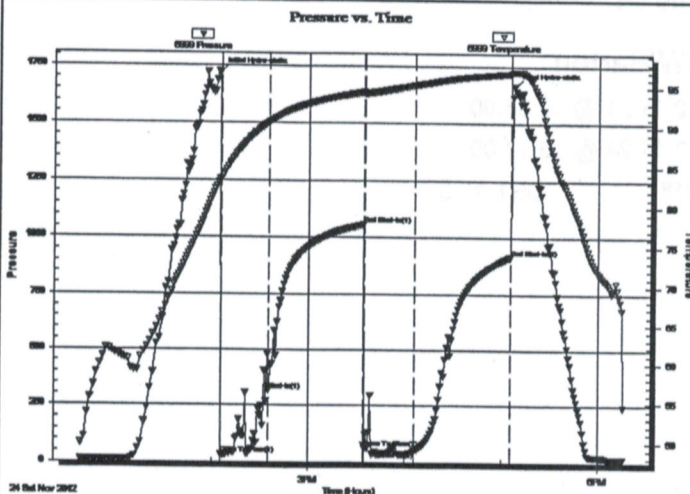
## Serial #: 6999

Inside

Press@RunDepth: **49.33 psia @ 3369.00 ft (KB)**  
 Start Date: **2012.11.24** End Date: **2012.11.24**  
 Start Time: **12:36:00** End Time: **18:17:00**

Capacity: **5000.00 psia**  
 Last Calib.: **2012.11.24**  
 Time On Btm: **2012.11.24 @ 14:04:30**  
 Time Off Btm: **2012.11.24 @ 17:07:30**

TEST COMMENT: 1ST Open 30 Minutes/Weak blow /Blow built to 1 1/2 inch  
 1ST Shut In 60 Minutes/Very weak surface blow back  
 2ND Open 30 Minutes/Weak blow /Blow built to 1 inch  
 2ND Shut In 60 Minutes/No blow back



## PRESSURE SUMMARY

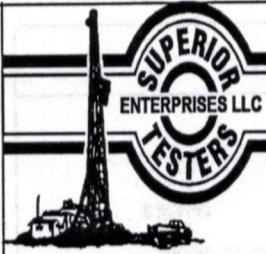
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1720.94	83.41	Initial Hydro-static
1	31.88	83.54	Open To Flow (1)
31	313.25	90.55	Shut-In(1)
90	1055.52	94.33	End Shut-In(1)
91	61.63	94.20	Open To Flow (2)
121	49.33	95.23	Shut-In(2)
181	916.47	96.77	End Shut-In(2)
183	1663.48	96.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil cut Mud	0.28
0.00	Oil 10% Mud 90%	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16918      **DST#: 3**  
 Test Start: 2012.11.24 @ 12:35:00

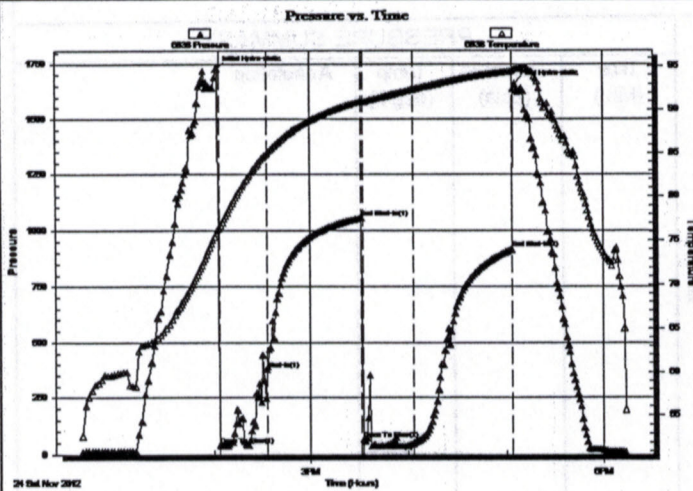
## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:05:30  
 Time Test Ended: 18:17:00  
 Interval: **3360.00 ft (KB) To 3375.00 ft (KB) (TVD)**  
 Total Depth: 3451.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Great Bend/52  
 Reference Elevations: 1913.00 ft (KB)  
 1905.00 ft (CF)  
 KB to GR/CF: 8.00 ft

## Serial #: 6838

Press@RunDepth: 916.27 psia @ ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.11.24      End Date: 2012.11.24      Last Calib.: 2012.11.24  
 Start Time: 12:36:00      End Time: 18:15:00      Time On Btm: 2012.11.24 @ 14:02:30  
 Time Off Btm: 2012.11.24 @ 17:05:30

TEST COMMENT: 1ST Open      30 Minutes/Weak blow /Blow built to 1 1/2 inch  
 1ST Shut In      60 Minutes/Very weak surface blow back  
 2ND Open      30 Minutes/Weak blow /Blow built to 1 inch  
 2ND Shut In      60 Minutes/No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1728.01	76.22	Initial Hydro-static
1	42.84	76.34	Open To Flow (1)
31	379.66	84.89	Shut-In(1)
90	1055.38	91.01	End Shut-In(1)
90	69.22	90.94	Open To Flow (2)
121	48.75	92.35	Shut-In(2)
181	916.27	94.46	End Shut-In(2)
183	1659.82	94.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	Oil cut Mud	0.28
0.00	Oil 10% Mud 90%	0.00

## Gas Rates

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







# DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16918      **DST#: 3**  
 Test Start: 2012.11.24 @ 12:35:00

### Tool Information

Drill Pipe:	Length: 3350.00 ft	Diameter: 3.80 inches	Volume: 46.99 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 46.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.91 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3360.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	3449.33 ft			
Interval between Packers:	89.33 ft			
Tool Length:	106.24 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3348.09	
Hydraulic Tool	5.00			3353.09	
Packer	5.00			3358.09	16.91      Bottom Of Top Packer
Packer	1.91			3360.00	
Perforations	4.00			3364.00	
Handling Sub	5.00			3369.00	
Recorder	0.00	6999	Inside	3369.00	
Recorder	0.00	6835	Inside	3369.00	
Blank Off Sub	0.67			3369.67	
Travel Collar	1.64			3371.31	
Packer Anchor side	1.55			3372.86	
Packer Tail Side	1.65			3374.51	
Perforations	8.00			3382.51	
Change over sub	0.64			3383.15	
Drill Pipe	62.53			3445.68	
Change over sub	0.65			3446.33	
Recorder	0.00	6749	Below	3446.33	
Bullnose	3.00			3449.33	89.33      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>106.24</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Jason Oil Company LLC  
3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701  
ATTN: Jeff Lawler

**3/16S/14W/Barton**  
**Steinle #1**  
Job Ticket: 16918      **DST#: 3**  
Test Start: 2012.11.24 @ 12:35:00

### 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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Oil cut Mud	0.281
0.00	Oil 10% Mud 90%	0.000

Total Length: 20.00 ft      Total Volume: 0.281 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 6999

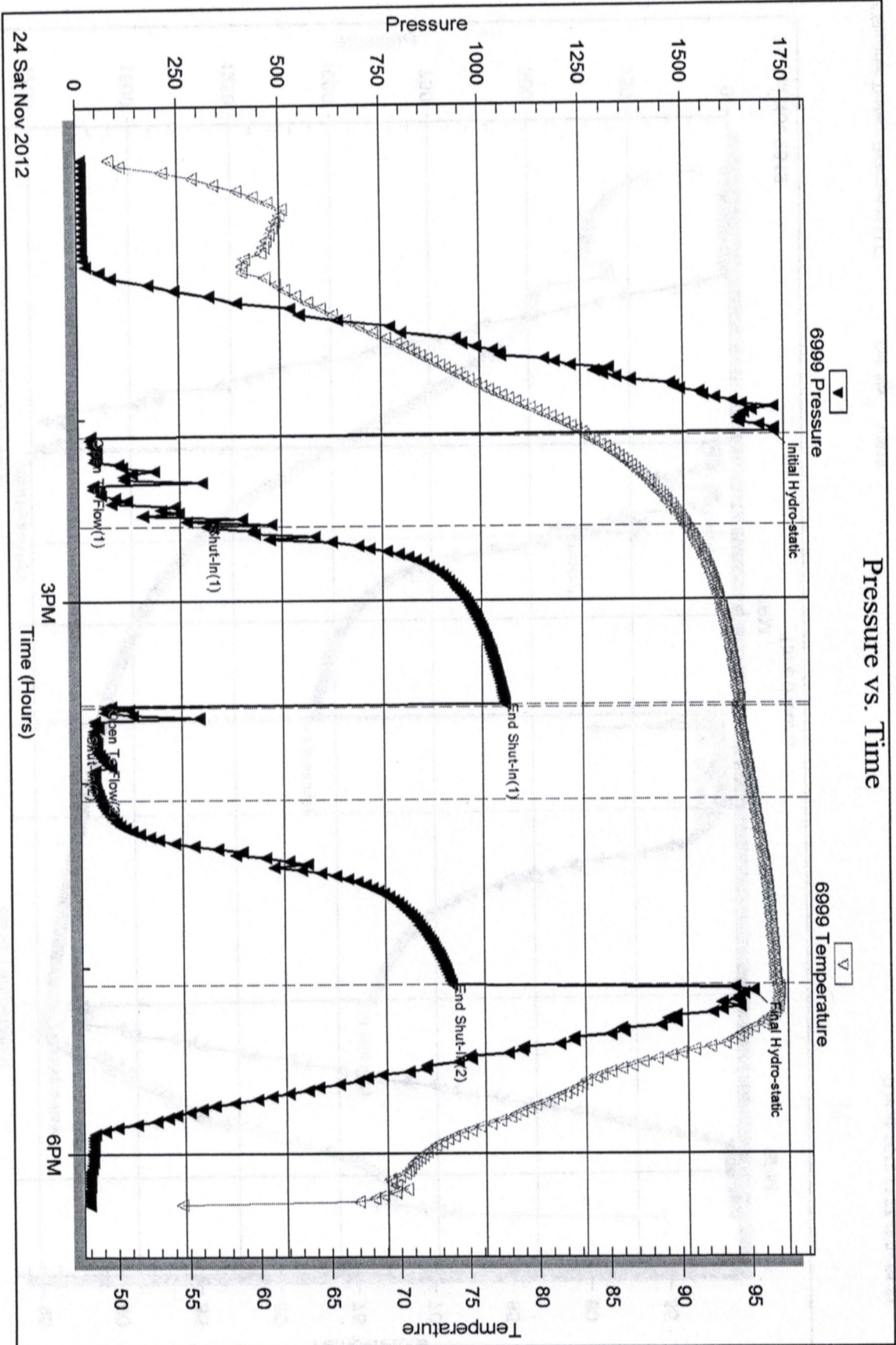
Inside

Jason Oil Company LLC

Sterile #1

DST Test Number: 3

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16918

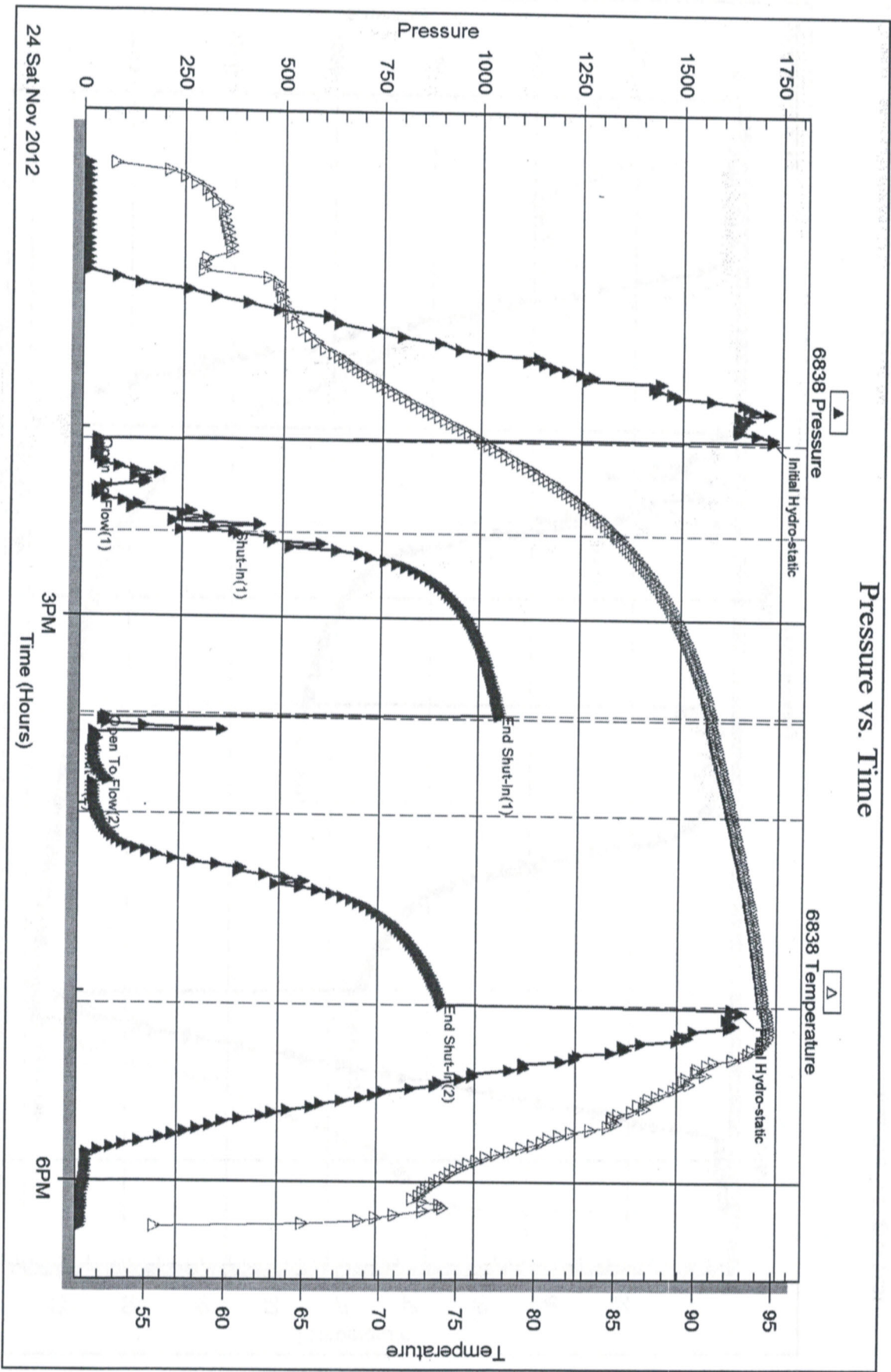
Printed: 2012.11.27 @ 04:51:31

Serial #: 6838

Jason Oil Company LLC

Stearle #1

DST Test Number: 3



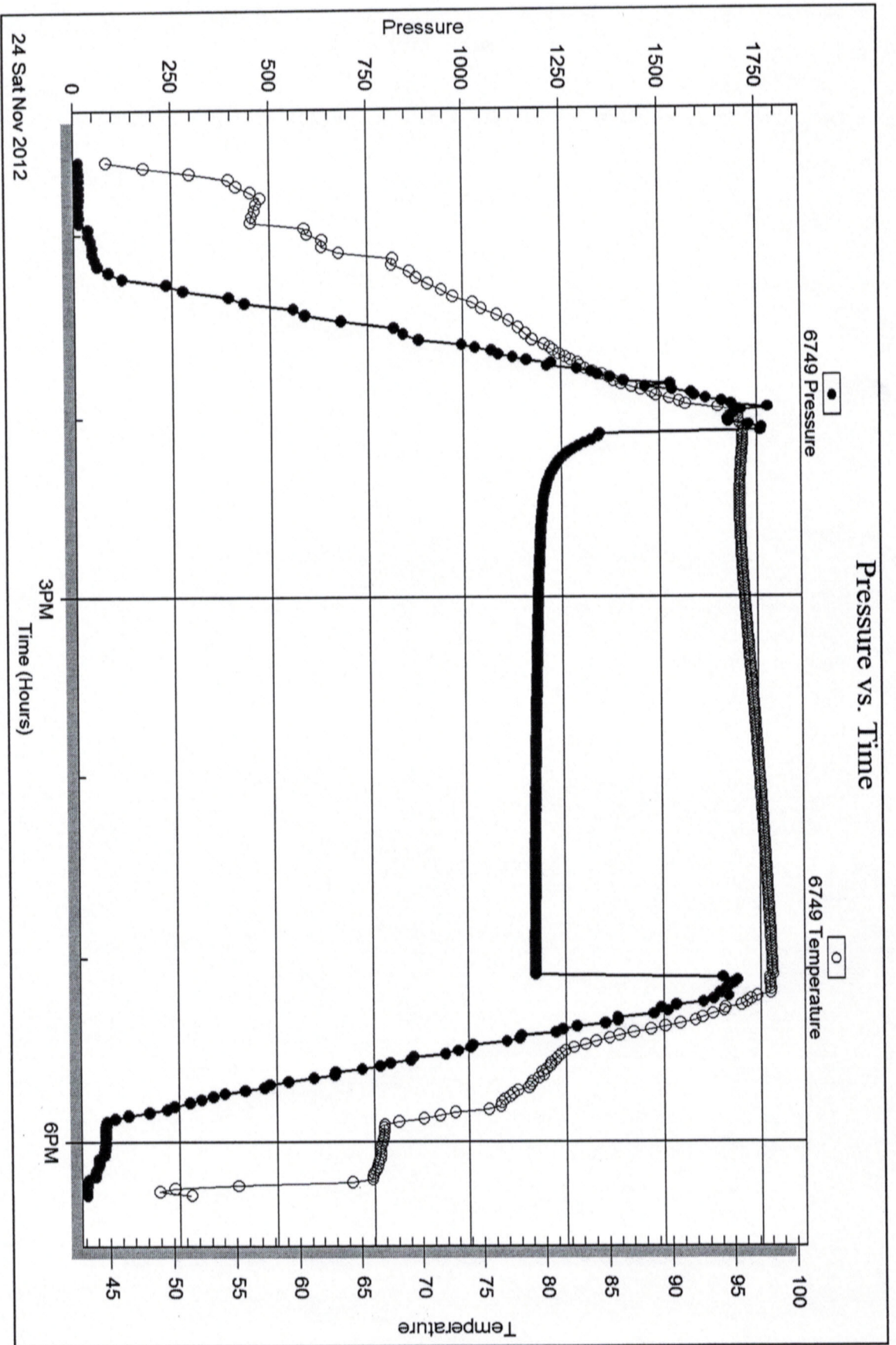
Serial #: 6749

Below

Jason Oil Company LLC

Steinle #1

DST Test Number: 3

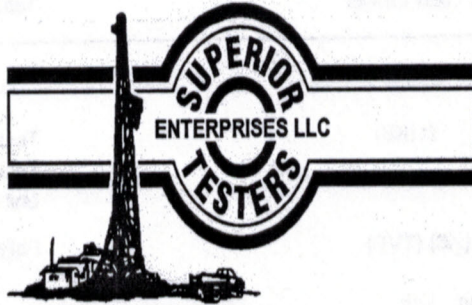


Superior Testers Enterprises LLC

Ref. No.: 16918

Printed: 2012.11.27 @ 04:51:31





## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company LLC**

3718 83RD Street  
PO Box 701  
Russell, Kansas 67665+0701

ATTN: Jeff Lawler

### Steinle #1

#### 3/16S/14W/Barton

Start Date: 2012.11.24 @ 19:08:00

End Date: 2012.11.25 @ 01:41:00

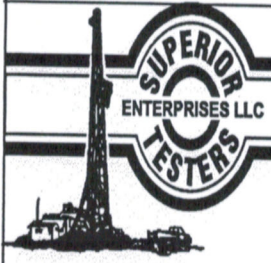
Job Ticket #: 16919                      DST #: 4

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.11.27 @ 04:51:45

Jason Oil Company LLC  
3/16S/14W/Barton  
Steinle #1  
DST # 4  
Arbuckle  
2012.11.24





# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

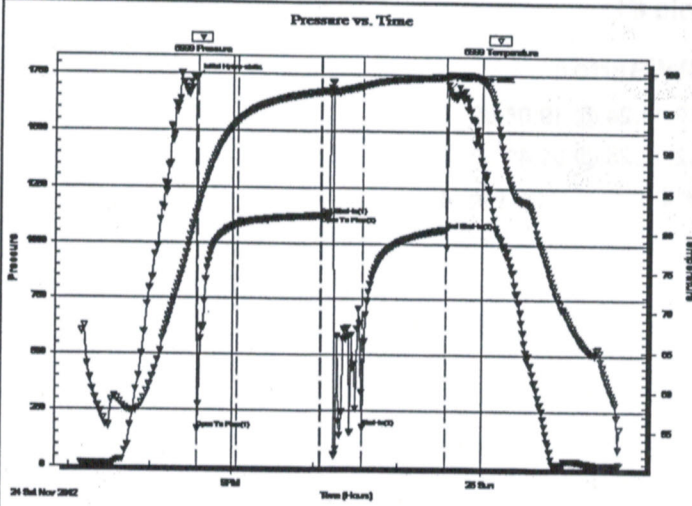
**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16919      DST#: 4  
 Test Start: 2012.11.24 @ 19:08:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 20:34:30  
 Time Test Ended: 01:41:00  
 Interval: **3370.00 ft (KB) To 3395.00 ft (KB) (TVD)**  
 Total Depth: **3450.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Great Bend/52  
 Reference Elevations: 1913.00 ft (KB)  
 1905.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6999**      Inside  
 Press@RunDepth: 175.78 psia @ 3374.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.11.24      End Date: 2012.11.25      Last Calib.: 2012.11.25  
 Start Time: 19:09:00      End Time: 01:41:00      Time On Btm: 2012.11.24 @ 20:33:30  
 Time Off Btm: 2012.11.24 @ 23:36:00

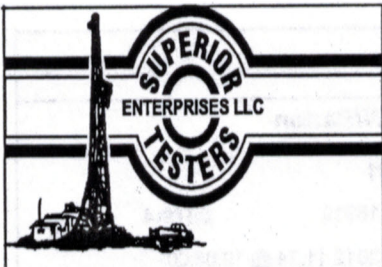
**TEST COMMENT:** 1ST Open      30 Minutes/Weak blow/Blow built to 1 1/2 inch then died to weak surface blow  
 1ST Shut In      60 Minutes/No blow back  
 2ND Open      30 Minutes/Dead no blow /Flush tool/Weak blow /Blow built to 1 1/2 inch then died to 1 inch  
 2ND Shut In      60 Minutes/No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1731.35	82.32	Initial Hydro-static
1	165.22	82.73	Open To Flow (1)
31	1082.11	93.74	Shut-In(1)
91	1123.90	97.43	End Shut-In(1)
91	1123.53	97.44	Open To Flow (2)
121	175.78	98.08	Shut-In(2)
181	1064.70	99.38	End Shut-In(2)
183	1687.74	99.56	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
45.00	Slightly oil cut watery mud	0.63
0.00	Oil 2% Water 13% Mud 85%	0.00
0.00	Recovery Chlorides 15,000 ppm	0.00

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

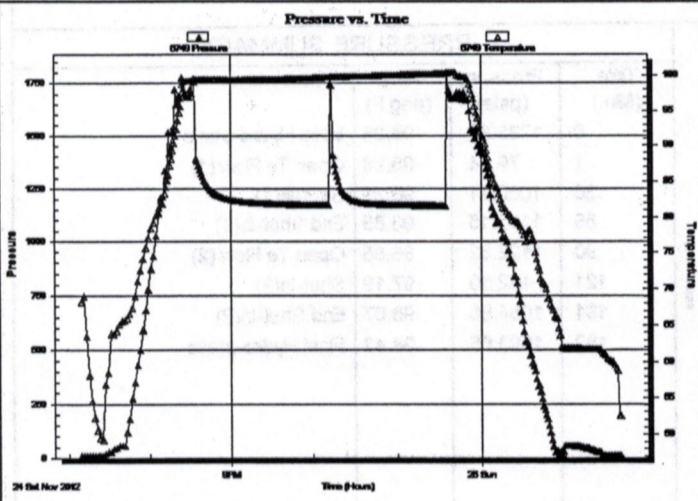
**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16919      **DST#: 4**  
 Test Start: 2012.11.24 @ 19:08:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 20:34:30  
 Time Test Ended: 01:41:00  
 Interval: **3370.00 ft (KB) To 3395.00 ft (KB) (TVD)**  
 Total Depth: **3450.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Ken Swinney  
 Unit No: 3325 Great Bend/52  
 Reference Elevations: 1913.00 ft (KB)  
 1905.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6749**      Below  
 Press@RunDepth:      psia @ 3446.41 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.11.24      End Date: 2012.11.25      Last Calib.: 2012.11.25  
 Start Time: 19:09:00      End Time: 01:41:00      Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 1ST Open      30 Minutes/Weak blow/Blow built to 1 1/2 inch then died to weak surface blow  
 1ST Shut In      60 Minutes/No blow back  
 2ND Open      30 Minutes/Dead no blow /Flush tool/Weak blow/Blow built to 1 1/2 inch then died to 1 inch  
 2ND Shut In      60 Minutes/No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
45.00	Slightly oil cut watery mud	0.63
0.00	Oil 2% Water 13% Mud 85%	0.00
0.00	Recovery Chlorides 15,000 ppm	0.00

Gas Rates			
	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

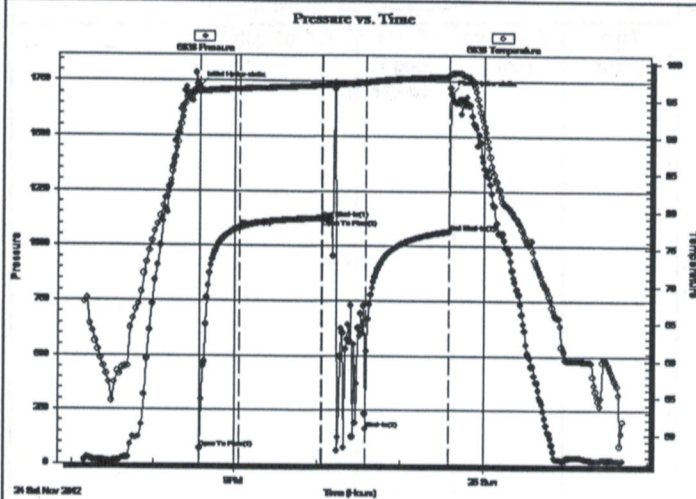
**3/16S/14W/Barton**  
**Steinle #1**  
 Job Ticket: 16919 **DST#: 4**  
 Test Start: 2012.11.24 @ 19:08:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: 20:34:30  
 Time Test Ended: 01:41:00  
 Interval: **3370.00 ft (KB) To 3395.00 ft (KB) (TVD)**  
 Total Depth: **3450.00 ft (KB) (TVD)**  
 Hole Diameter: **7.80 inches** Hole Condition: **Fair**  
 Test Type: **Conventional Straddle (Initial)**  
 Tester: **Ken Swinney**  
 Unit No: **3325 Great Bend/52**  
 Reference Elevations: **1913.00 ft (KB)**  
**1905.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 6838** **Inside**  
 Press@RunDepth: **1064.65 psia @ 3374.00 ft (KB)** Capacity: **5000.00 psia**  
 Start Date: **2012.11.24** End Date: **2012.11.25** Last Calib.: **2012.11.25**  
 Start Time: **19:09:00** End Time: **01:41:30** Time On Btm: **2012.11.24 @ 20:34:00**  
 Time Off Btm: **2012.11.24 @ 23:36:00**

**TEST COMMENT:** 1ST Open 30 Minutes/Weak blow/Blow built to 1 1/2 inch then died to weak surface blow  
 1ST Shut In 60 Minutes/No blow back  
 2ND Open 30 Minutes/Dead no blow/Flush tool/Weak blow/Blow built to 1 1/2 inch then died to 1 inch  
 2ND Shut In 60 Minutes/No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1725.82	96.25	Initial Hydro-static
1	70.04	95.98	Open To Flow (1)
30	1080.61	96.35	Shut-In(1)
89	1122.15	96.85	End Shut-In(1)
90	1122.32	96.86	Open To Flow (2)
121	162.50	97.19	Shut-In(2)
181	1064.65	98.07	End Shut-In(2)
182	1693.65	98.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
45.00	Slightly oil cut w atery mud	0.63
0.00	Oil 2% Water 13% Mud 85%	0.00
0.00	Recovery Chlorides 15,000 ppm	0.00

## Gas Rates

	Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)



# DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company LLC  
 3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

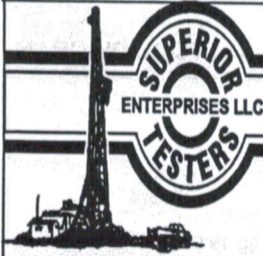
3/16S/14W/Barton  
**Steinle #1**  
 Job Ticket: 16919      **DST#: 4**  
 Test Start: 2012.11.24 @ 19:08:00

## Tool Information

Drill Pipe:	Length: 3374.00 ft	Diameter: 3.80 inches	Volume: 47.33 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<b>Total Volume: 47.33 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.91 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3370.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	3449.41 ft			
Interval between Packers:	79.41 ft			
Tool Length:	103.32 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3351.09	
Hydrolic Tool	5.00			3356.09	
Jars	5.00			3361.09	
Safety Joint	2.00			3363.09	
Packer	5.00			3368.09	23.91 Bottom Of Top Packer
Packer	1.91			3370.00	
Perforations	4.00			3374.00	
Recorder	0.00	6838	Inside	3374.00	
Recorder	0.00	6999	Inside	3374.00	
Handling Sub	5.00			3379.00	
Perforations	10.00			3389.00	
Blank Off Sub	0.67			3389.67	
Travel Collar	1.64			3391.31	
Packer Anchor side	1.55			3392.86	
Packer Tail side	1.65			3394.51	
Perforations	15.00			3409.51	
Change Over Sub	0.64			3410.15	
Drill Pipe	30.61			3440.76	
Change Over Sub	0.65			3441.41	
Perforations	5.00			3446.41	
Recorder	0.00	6749	Below	3446.41	
Bullnose	3.00			3449.41	79.41 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>103.32</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Jason Oil Company LLC

3/16S/14W/Barton

3718 83RD Street  
 PO Box 701  
 Russell, Kansas 67665+0701  
 ATTN: Jeff Lawler

Steinle #1

Job Ticket: 16919

DST#: 4

Test Start: 2012.11.24 @ 19:08:00

### Mud and Cushion Information

Mud Type: Gel Chem  
 Mud Weight: 9.00 lb/gal  
 Viscosity: 56.00 sec/qt  
 Water Loss: 9.59 in<sup>3</sup>  
 Resistivity: ohm.m  
 Salinity: 6000.00 ppm  
 Filter Cake: 1.00 inches

Cushion Type:  
 Cushion Length: ft  
 Cushion Volume: bbl  
 Gas Cushion Type:  
 Gas Cushion Pressure: psia

Oil API: deg API  
 Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Slightly oil cut watery mud	0.631
0.00	Oil 2% Water 13% Mud 85%	0.000
0.00	Recovery Chlorides 15,000 ppm	0.000

Total Length: 45.00 ft      Total Volume: 0.631 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6999

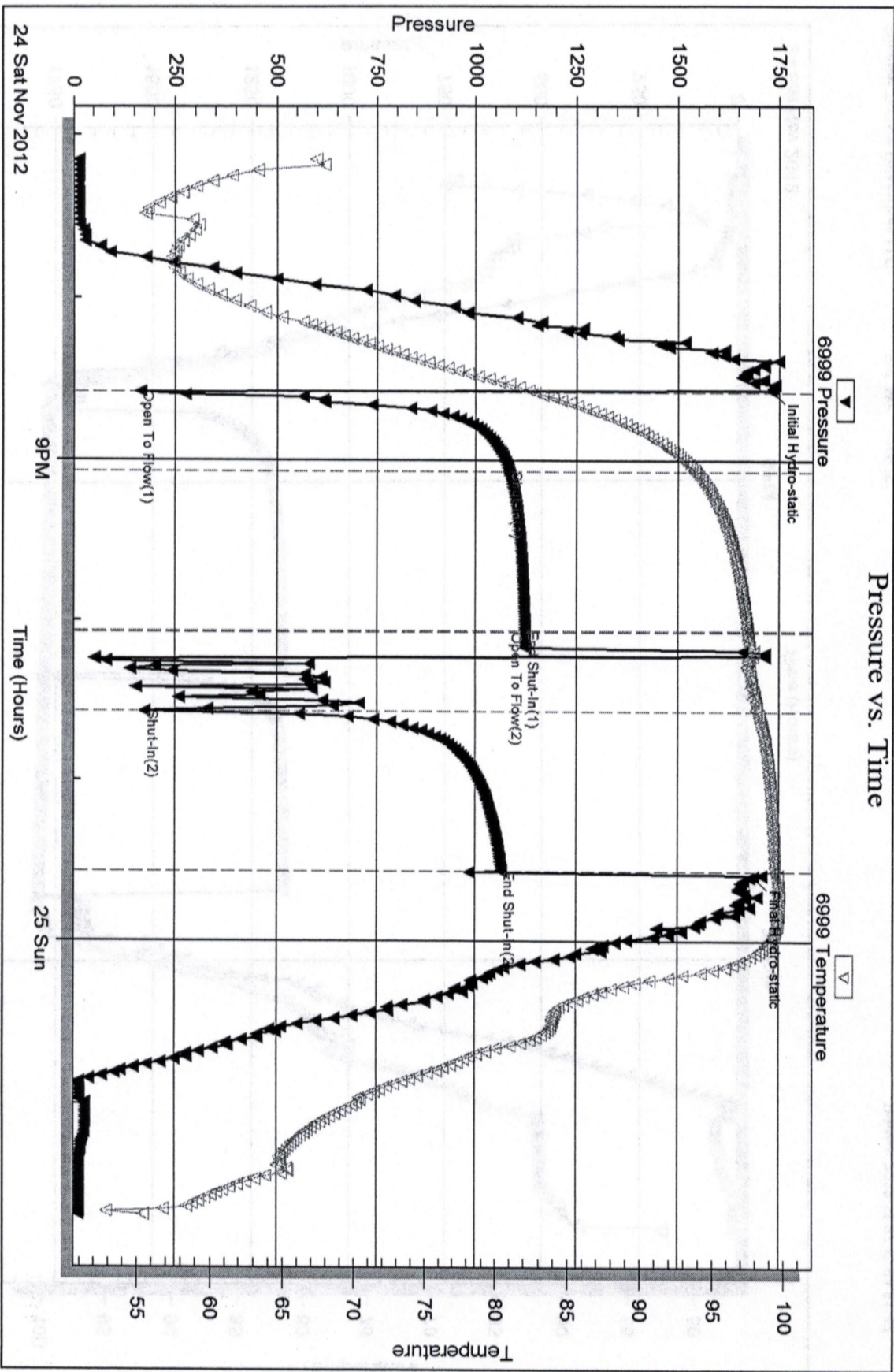
Inside

Jason Oil Company LLC

Stemle #1

DST Test Number: 4

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16919

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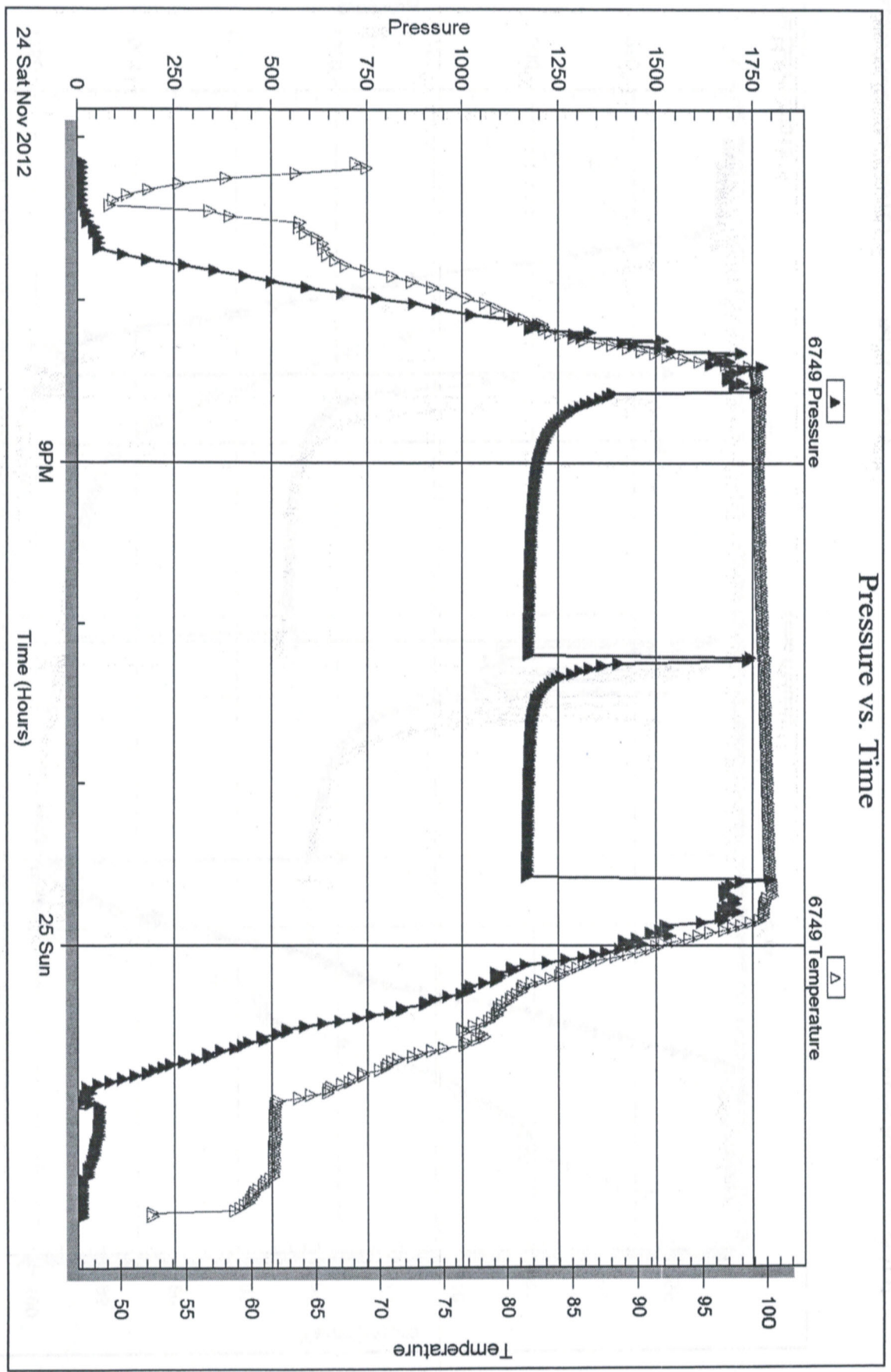
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Below

Jason Oil Company LLC

Sterile #1

DST Test Number: 4



Superior Testers Enterprises LLC

Ref. No: 16919

Printed: 2012.11.27 @ 04:51:47

Serial #: 6838

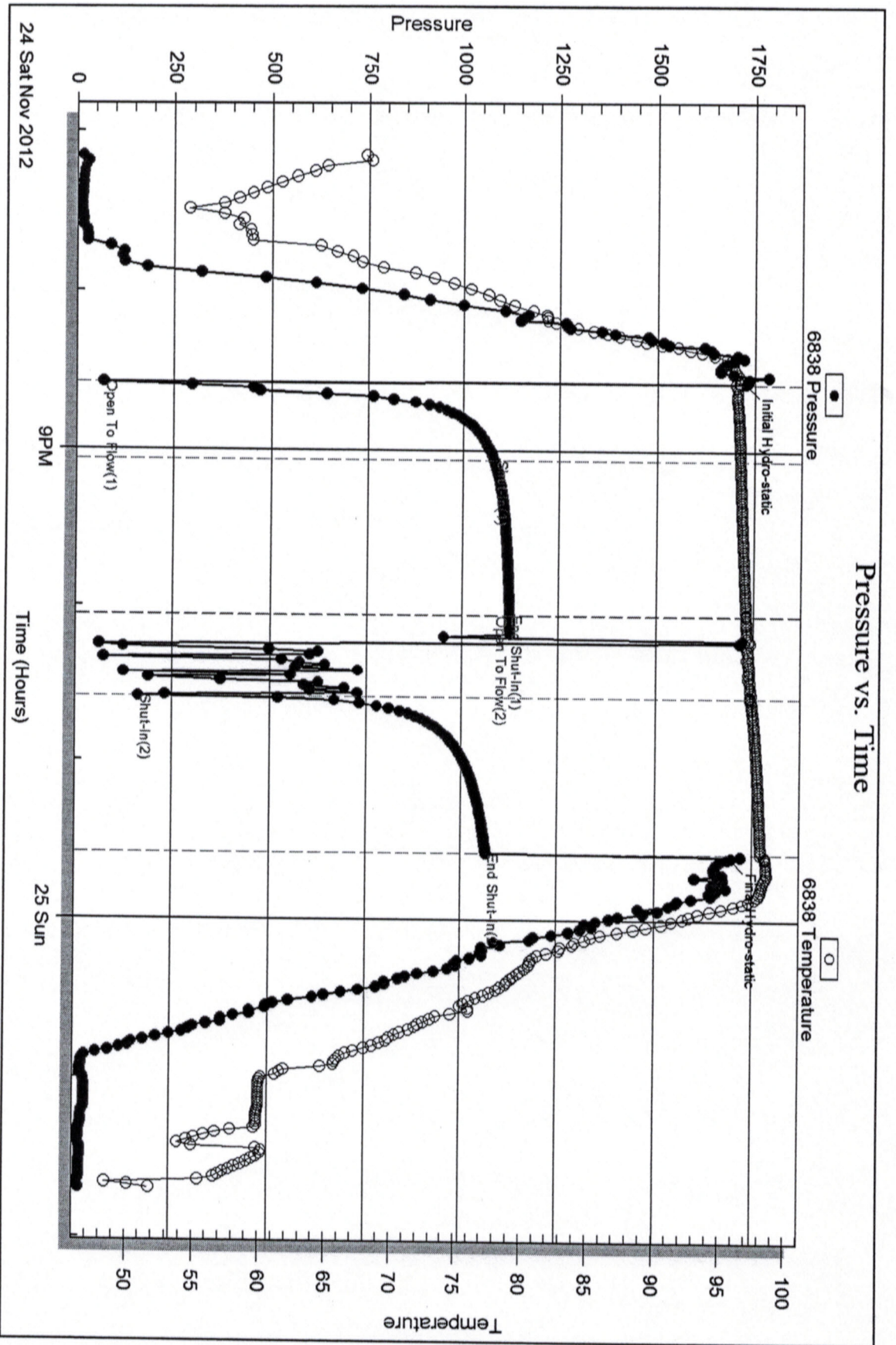
Inside

Jason Of Company LLC

Stehle #1

DST Test Number: 4

### Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 16919

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