



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1162186
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1162186

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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

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

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

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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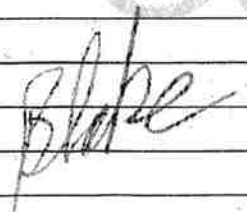
QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 7517

Date	9-26-13	Sec.	29	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	1:30 AM
Lease								Location							
Stricker								Milberger 3/4 N E 1/4							
Well No. #1								Owner							
Contractor Royal #2								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 Surface								Charge To Jason Oil							
Hole Size 12 1/4				T.D. 432'				Street							
Csg. 8 5/8				Depth 432'				City				State			
Tbg. Size				Depth				The above was done to satisfaction and supervision of owner agent or contractor.							
Tool				Depth				Cement Amount Ordered 225 3+2							
Cement Left in Csg. 30'				Shoe Joint				Used 180 sv 3+2							
Meas Line				Displace 25 1/2 bbl											
EQUIPMENT								Common							
Pumptrk 15 No.				Cementer Helper Nick				Poz. Mix							
Bulktrk 9 No.				Driver Clayton				Gel.							
Bulktrk Pu No.				Driver Brett				Calcium							
JOB SERVICES & REMARKS								Hulls							
Remarks:								Salt							
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							
								Mileage							
FLOAT EQUIPMENT															
Cement								Guide Shoe							
								Centralizer							
								Baskets							
Circulated!								AFU Inserts							
								Float Shoe							
								Latch Down							
								Wood Plug - 1							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
								Total Charge							
X Signature															

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 7873

Cell 785-324-1041

Date	10-1-13	Sec.	29	Twp.	15	Range	101	County	Russell	State	KS	On Location	4.00 AM	Finish	8.00 AM
Lease								Location		Millberger 3/4 N E 110					
Staic 444								Well No.		1					
Contractor								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								Kelay Rig 1							
Hole Size								T.D.		Charge To					
7 7/8								3410		Jason oil					
Csg.								Depth		Street					
5 1/2								3400		Jason oil					
Tbg. Size								Depth		City					
Tool								Depth		State					
Cement Left in Csg.								Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.					
31.7+								31.7+		Cement Amount Ordered					
Meas Line								Displace		200 Com 10% salt					
								80.		5% oil sample					
EQUIPMENT															
Pumptrk								No.		Common					
5								Cementer		Poz. Mix					
								Helper							
Bulktrk								No.		Gel.					
8								Driver							
								Driver							
Bulktrk								No.		Calcium					
9a								Driver							
								Driver							
JOB SERVICES & REMARKS															
Remarks:								Hulls							
Rat Hole								Salt							
30515								Flowseal							
Mouse Hole								Kol-Seal							
20515								Mud CLR 48							
Centralizers								CFL-117 or CD110 CAF 38							
1, 3, 5, 7, 9, 11, 13, 43								Sand							
Baskets								Handling							
2, 43								Mileage							
D/V or Port Collar								FLOAT EQUIPMENT							
44								Guide Shoe							
1556								Centralizer							
Dropped Ball Circulate								8 Turbos							
Thru Run Flush plus								Baskets							
Rat mouse hole mixed								2 Reo							
K5 down hole displac								AFU Inserts							
80. 13 Bl. OT water								Float Shoe							
								Latch Down							
								port collar							
								Pumptrk Charge							
								Mileage							
								Tax							
								Discount							
								Total Charge							
Signature															



DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company**

Po Box 701 Russell Kansas
67665

ATTN: Chris

Stricker #1

29-15s-14

Start Date: 2013.09.30 @ 07:48:00

End Date: 2013.09.30 @ 13:33:30

Job Ticket #: 18559 DST #: 1

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

Printed: 2013.10.08 @ 04:11:52

Jason Oil Company

29-15s-14

Stricker #1

DST # 1

Arbuckle

2013.09.30



DRILL STEM TEST REPORT

Jason Oil Company
Po Box 701 Russell Kansas
67665

ATTN: Chris

29-15s-14

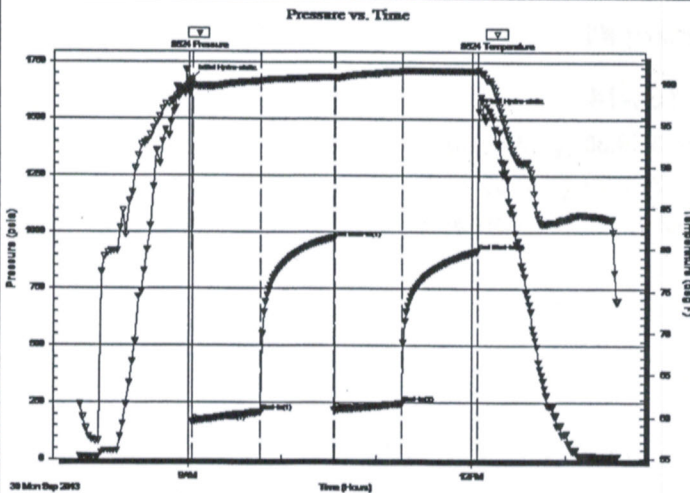
Stricker #1
Job Ticket: 18559 **DST#: 1**
Test Start: 2013.09.30 @ 07:48:00

GENERAL INFORMATION:

Formation: Arbuckle		Test Type: Conventional Bottom Hole (Initial)
Deviated: No Whipstock: ft (KB)		Tester: Dustin Ellis
Time Tool Opened: 09:02:30		Unit No: 3315-Great Bend-64
Time Test Ended: 13:33:30		
Interval: 3297.00 ft (KB) To 3339.00 ft (KB) (TVD)		Reference Elevations: 1854.00 ft (KB)
Total Depth: 3339.00 ft (KB) (TVD)		1847.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair		KB to GR/CF: 7.00 ft

Serial #: 8524 Outside		Capacity: 5000.00 psia
Press@RunDepth: 244.60 psia @ 3335.00 ft (KB)		Last Calib.: 2013.09.30
Start Date: 2013.09.30 End Date: 2013.09.30		Time On Btm: 2013.09.30 @ 09:02:00
Start Time: 07:49:00 End Time: 13:33:30		Time Off Btm: 2013.09.30 @ 12:04:30

TEST COMMENT: 1st Open 45 minutes Fair building blow built to bottom bucket 33 minutes.
1st Shut in 45 minutes No blow back
2nd Open 45 minutes Good blow built to bottom bucket 32 minutes.
2nd Shut in 45 minutes No blow back



PRESSURE SUMMARY

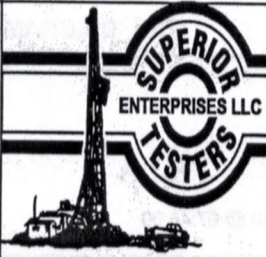
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1672.65	100.05	Initial Hydro-static
1	165.93	99.73	Open To Flow (1)
45	207.16	100.21	Shut-In(1)
91	968.86	100.69	End Shut-In(1)
92	216.11	100.56	Open To Flow (2)
135	244.60	101.41	Shut-In(2)
182	914.46	101.51	End Shut-In(2)
183	1534.80	101.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
46.00	Clean Oil 100%	0.65
183.00	Oil cut mud Oil 60% Mud 20%	2.57
236.00	Oil cut mud Oil 30% Mud 70%	3.31
0.00	Gravity of oil	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Jason Oil Company

29-15s-14

Po Box 701 Russell Kansas
67665

Stricker #1

Job Ticket: 18559

DST#: 1

ATTN: Chris

Test Start: 2013.09.30 @ 07:48:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 09:02:30
 Time Test Ended: 13:33:30

Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-64

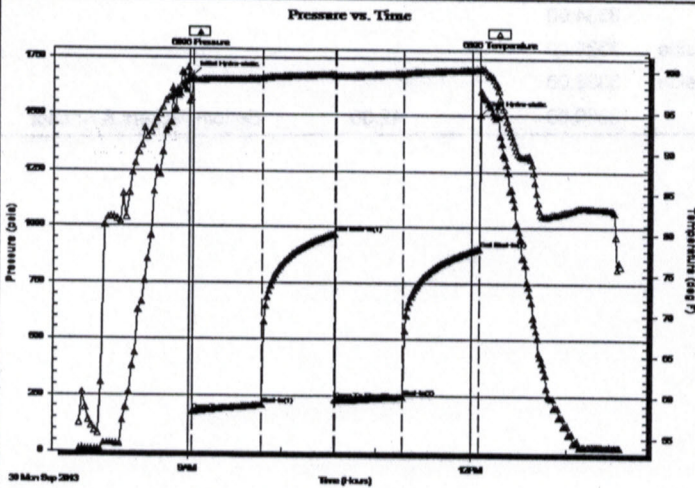
Interval: **3297.00 ft (KB) To 3339.00 ft (KB) (TVD)**
 Total Depth: **3339.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **1854.00 ft (KB)**
1847.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **6806** Inside
 Press@RunDepth: **906.33 psia @ 3336.00 ft (KB)**
 Start Date: **2013.09.30** End Date: **2013.09.30**
 Start Time: **07:49:00** End Time: **13:34:30**

Capacity: **5000.00 psia**
 Last Calib.: **1899.12.30**
 Time On Btm: **2013.09.30 @ 09:02:30**
 Time Off Btm: **2013.09.30 @ 12:05:00**

TEST COMMENT: 1st Open 45 minutes Fair building blow built to bottom bucket 33 minutes.
 1st Shut in 45 minutes No blow back
 2nd Open 45 minutes Good blow built to bottom bucket 32 minutes.
 2nd Shut in 45 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1668.81	99.21	Initial Hydro-static
1	177.55	98.81	Open To Flow (1)
45	206.37	98.95	Shut-In(1)
92	967.92	99.49	End Shut-In(1)
92	230.77	99.33	Open To Flow (2)
134	244.78	99.63	Shut-In(2)
182	906.33	100.12	End Shut-In(2)
183	1504.42	100.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
46.00	Clean Oil 100%	0.65
183.00	Oil cut mud Oil 60% Mud 20%	2.57
236.00	Oil cut mud Oil 30% Mud 70%	3.31
0.00	Gravity of oil	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company
 Po Box 701 Russell Kansas
 67665
 ATTN: Chris

29-15s-14
Stricker #1
 Job Ticket: 18559 **DST#: 1**
 Test Start: 2013.09.30 @ 07:48:00

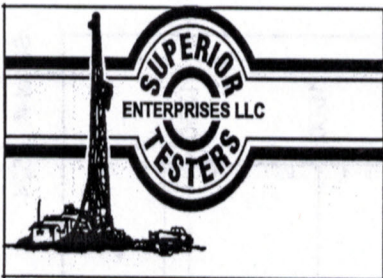
Tool Information

Drill Pipe:	Length: 3285.00 ft	Diameter: 3.80 inches	Volume: 46.08 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: 55000.00 lb
			<u>Total Volume: 46.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3297.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3282.00	
Hydraulic Tool	5.00			3287.00	
Packer	5.00			3292.00	20.00 Bottom Of Top Packer
Packer	5.00			3297.00	
Anchor	37.00			3334.00	
Recorder	1.00	8524	Outside	3335.00	
Recorder	1.00	6806	Inside	3336.00	
Bull Plug	3.00			3339.00	42.00 Bottom Packers & Anchor

Total Tool Length: 62.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Company

29-15s-14

Po Box 701 Russell Kansas
67665

Stricker #1

Job Ticket: 18559

DST#: 1

ATTN: Chris

Test Start: 2013.09.30 @ 07:48:00

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: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
46.00	Clean Oil 100%	0.645
183.00	Oil cut mud Oil 60% Mud 20%	2.567
236.00	Oil cut mud Oil 30% Mud 70%	3.310
0.00	Gravity of oil	0.000

Total Length: 465.00 ft Total Volume: 6.522 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

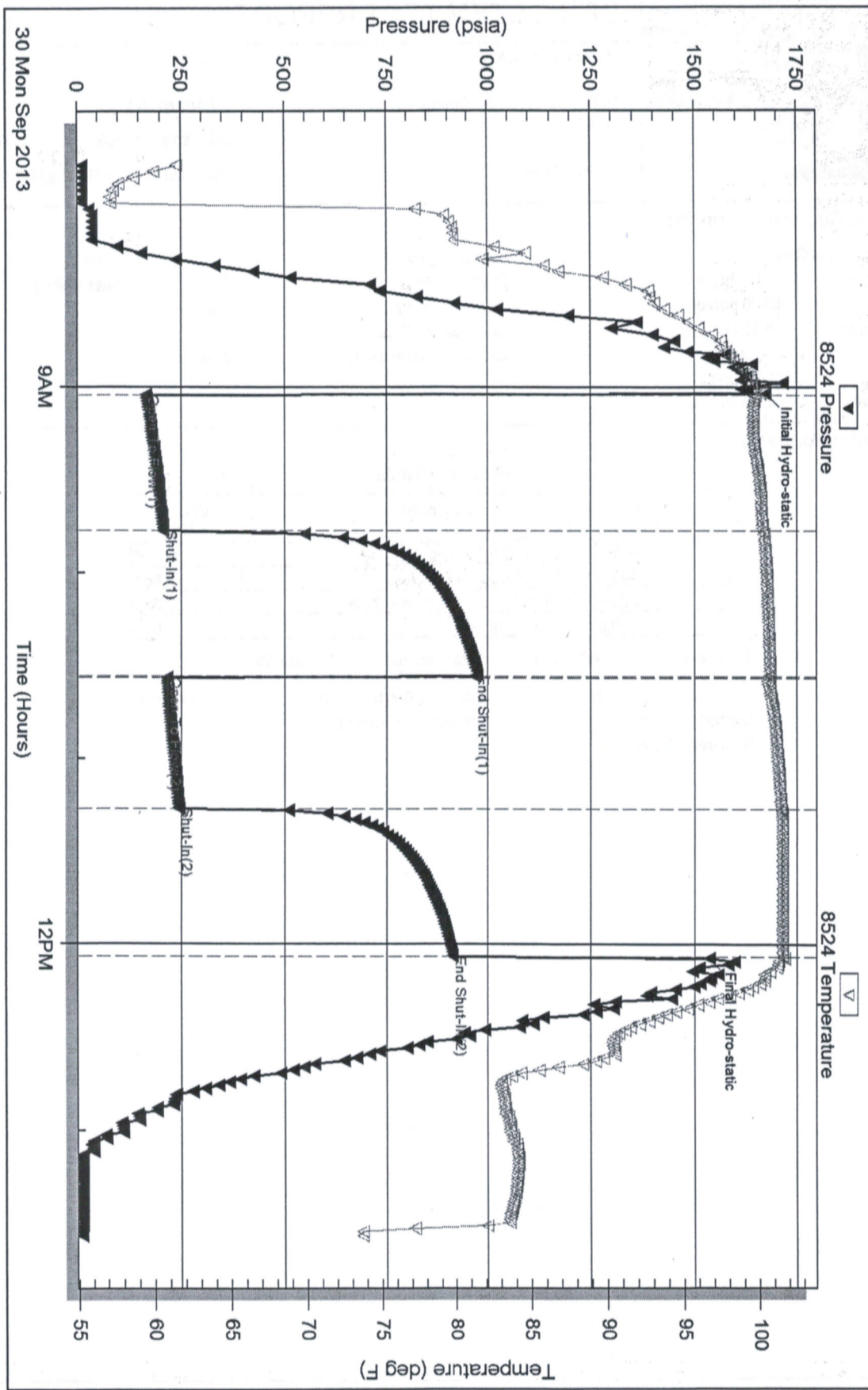
Serial #: 8524

Outside Jason Oil Company

Stricker #1

DST Test Number: 1

Pressure vs. Time



Superior Testers Enterprises LLC

Ref. No: 18559

Printed: 2013.10.08 @ 04:11:53

Serial #: 6806

Inside

Jason Oil Company

Stricker #1

DST Test Number: 1

Pressure vs. Time

