



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

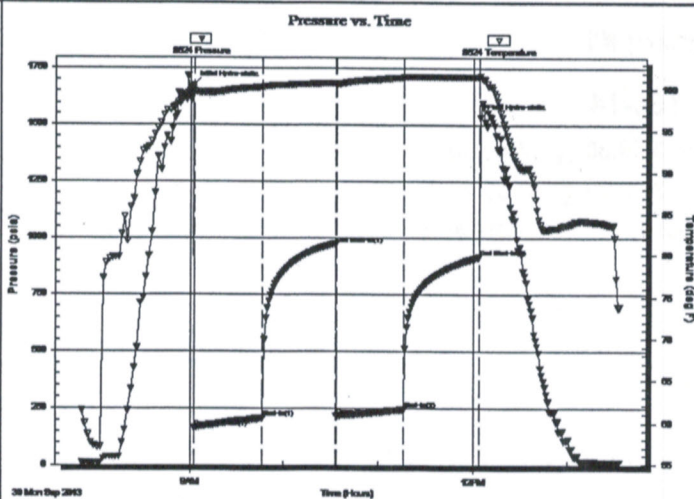
29-15s-14
Stricker #1
 Job Ticket: 18559 **DST#: 1**
 Test Start: 2013.09.30 @ 07:48:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:02:30
 Time Test Ended: 13:33:30
 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
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-64
 Reference Elevations: 1854.00 ft (KB)
 1847.00 ft (CF)
 KB to GR/CF: 7.00 ft

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

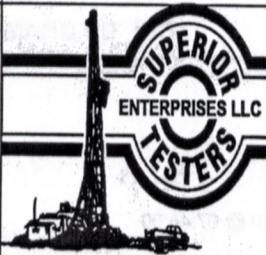
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1672.65	100.05	Initial Hydro-static
1	165.93	99.73	Open To Flow (1)
45	207.16	100.21	Shut-In(1)
91	968.86	100.69	End Shut-In(1)
92	216.11	100.56	Open To Flow (2)
135	244.60	101.41	Shut-In(2)
182	914.46	101.51	End Shut-In(2)
183	1534.80	101.62	Final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

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**

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Dustin Ellis**

Unit No: **3315-Great Bend-64**

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

Capacity: **5000.00 psia**

Last Calib.: **1899.12.30**

Start Time: **07:49:00**

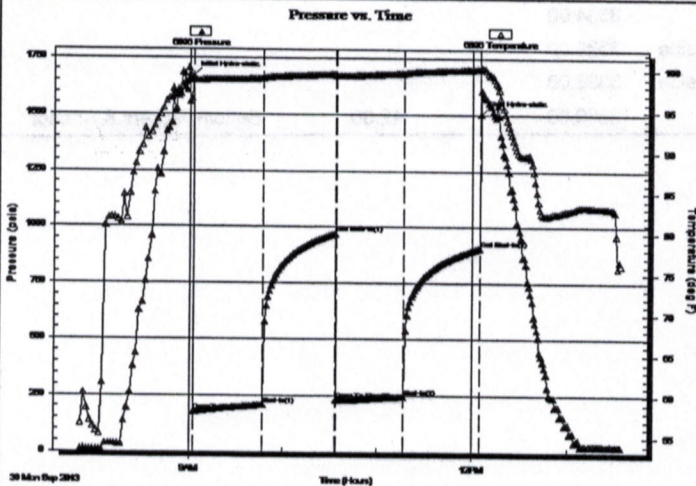
End Time:

13:34:30

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.
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2nd Shut in 45 minutes No blow back



PRESSURE SUMMARY

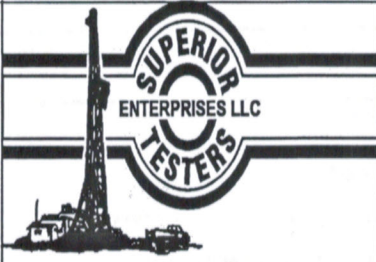
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1668.81	99.21	Initial Hydro-static
1	177.55	98.81	Open To Flow (1)
45	206.37	98.95	Shut-In(1)
92	967.92	99.49	End Shut-In(1)
92	230.77	99.33	Open To Flow (2)
134	244.78	99.63	Shut-In(2)
182	906.33	100.12	End Shut-In(2)
183	1504.42	100.37	Final Hydro-static

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

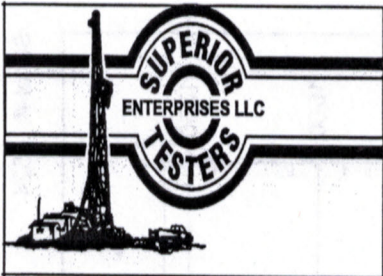
Tool Information

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:

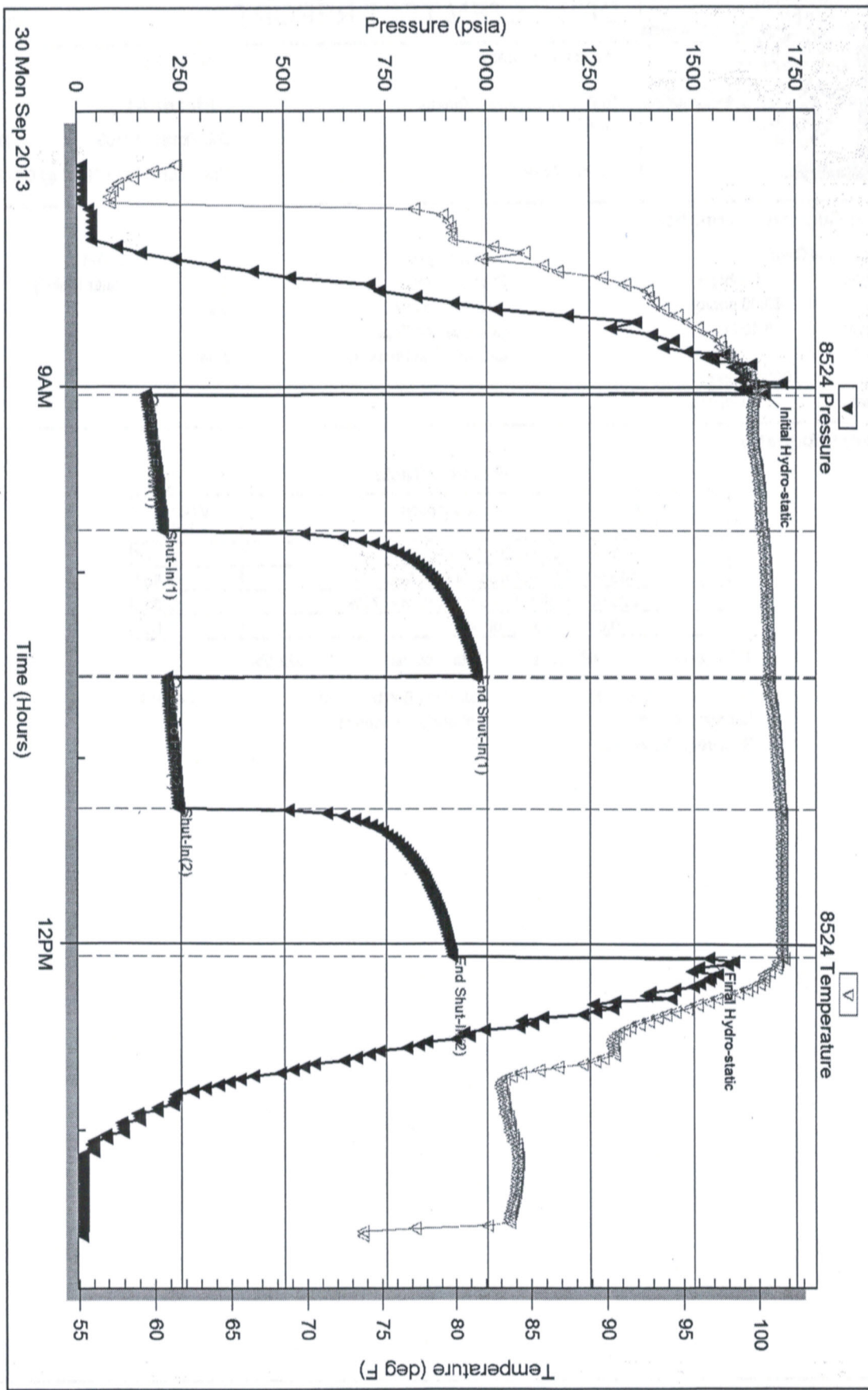
Serial #: 8524

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

