



DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co**

P O Box 701
Russell KS 67665

ATTN: Jim Schoeberger

15 14 13W Russell KS

Boomhower #1

Start Date: 2007.04.30 @ 01:41:16

End Date: 2007.04.30 @ 05:55:11

Job Ticket #: 28166 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Jason Oil Co

Boomhower #1

15 14 13W Russell KS

DST # 1

Arbuckle

2007.04.30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Jason Oil Co
P O Box 701
Russell KS 67665

ATTN: Jim Schoeberger

Boomhower #1
15 14 13W Russell KS
Job Ticket: 28166 **DST#: 1**
Test Start: 2007.04.30 @ 01:41:16

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:55:00
Time Test Ended: 05:55:11

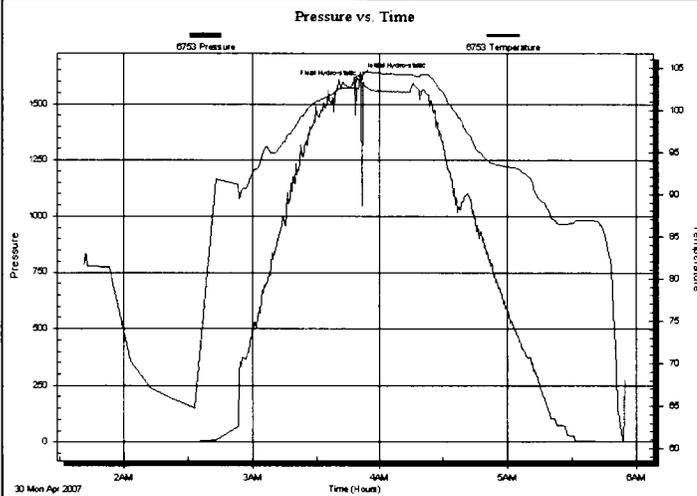
Interval: **3213.00 ft (KB) To 3226.00 ft (KB) (TVD)**
Total Depth: 3226.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 28

Reference Elevations: 1781.00 ft (KB)
1776.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 Inside
Press@RunDepth: psig @ 3214.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.04.30 End Date: 2007.04.30 Last Calib.: 2007.04.30
Start Time: 01:41:16 End Time: 05:55:11 Time On Btm: 2007.04.30 @ 03:51:11
Time Off Btm: 2007.04.30 @ 03:52:11

TEST COMMENT: IFP Packer failure Set twice



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.11	104.20	Initial Hydro-static
1	1588.99	104.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Mud	2.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Co
P O Box 701
Russell KS 67665

ATTN: Jim Schoeberger

Boomhower #1
15 14 13W Russell KS
Job Ticket: 28166 **DST#: 1**
Test Start: 2007.04.30 @ 01:41:16

Tool Information

Drill Pipe:	Length: 3217.00 ft	Diameter: 3.80 inches	Volume: 45.13 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 45.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3213.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.02 ft			
Tool Length:	34.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3193.00	
Shut In Tool	5.00			3198.00	
Hydraulic tool	5.00			3203.00	
Packer	5.00			3208.00	21.00 Bottom Of Top Packer
Packer	5.00			3213.00	
Stubb	1.00			3214.00	
Recorder	0.01	6153	Inside	3214.01	
Inside	9.00			3223.01	
Recorder	0.01	13534	Outside	3223.02	
Bullnose	3.00			3226.02	13.02 Bottom Packers & Anchor
Total Tool Length:	34.02				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Co

Boomhower #1

P O Box 701
Russell KS 67665

15 14 13W Russell KS

ATTN: Jim Schoeberger

Job Ticket: 28166

DST#: 1

Test Start: 2007.04.30 @ 01:41:16

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.55 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Mud	2.104

Total Length: 150.00 ft

Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

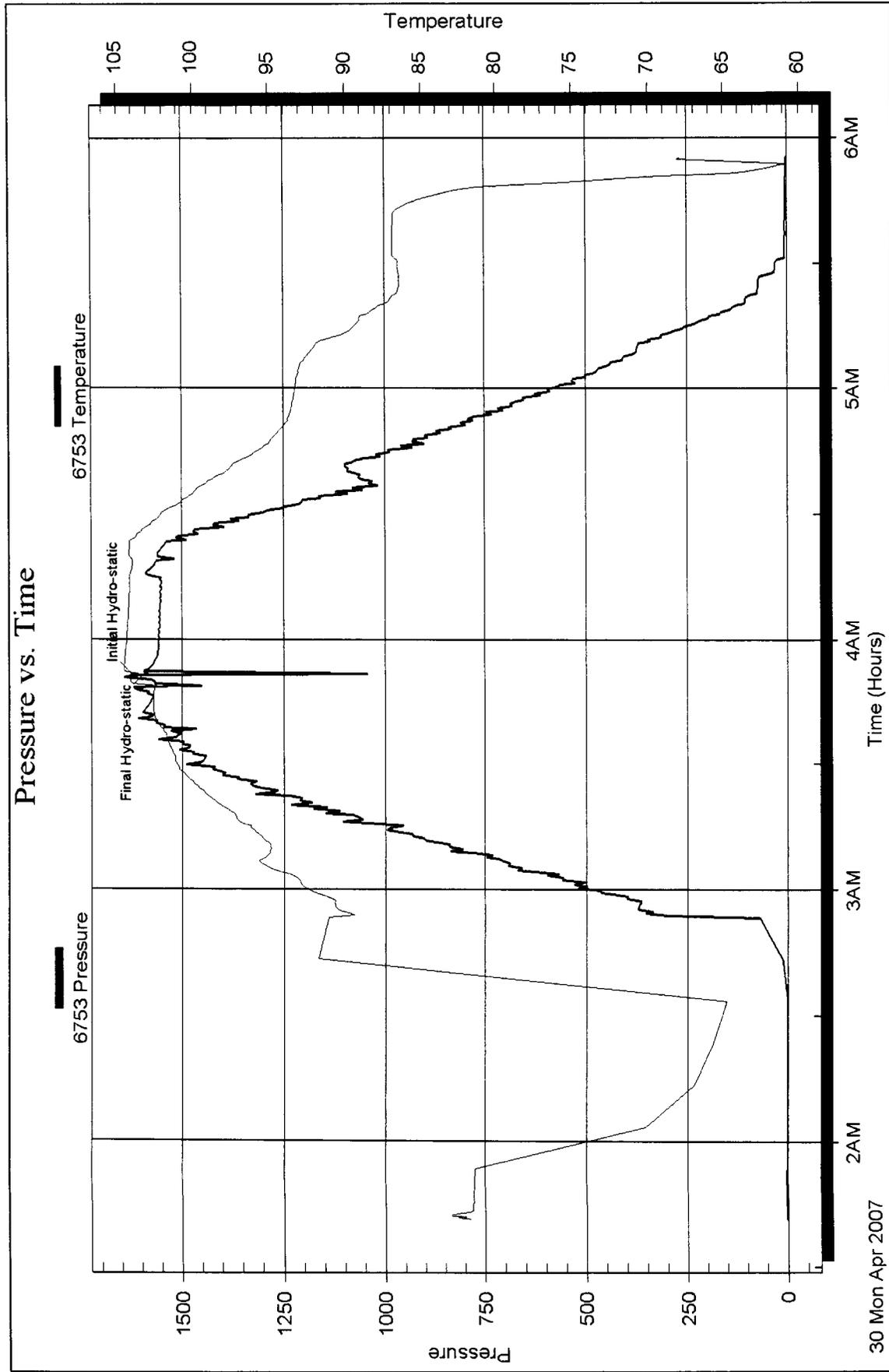
15 14 13W Russell KS

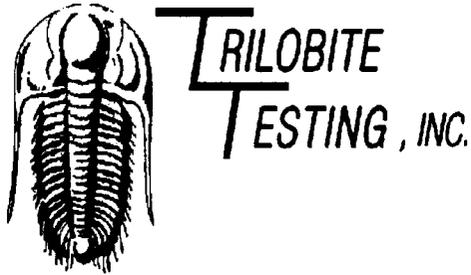
Jason Oil Co

Inside

Serial #: 6753

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co**

P O Box 701
Russell KS 67665

ATTN: Jim Schoeberger

15 14 13W Russell KS

Boomhower #1

Start Date: 2007.04.30 @ 06:00:53

End Date: 2007.04.30 @ 11:43:47

Job Ticket #: 28167 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Jason Oil Co

Boomhower #1

15 14 13W Russell KS

DST # 2

Arbuckle

2007.04.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Co
 P O Box 701
 Russell KS 67665
 ATTN: Jim Schoeberger

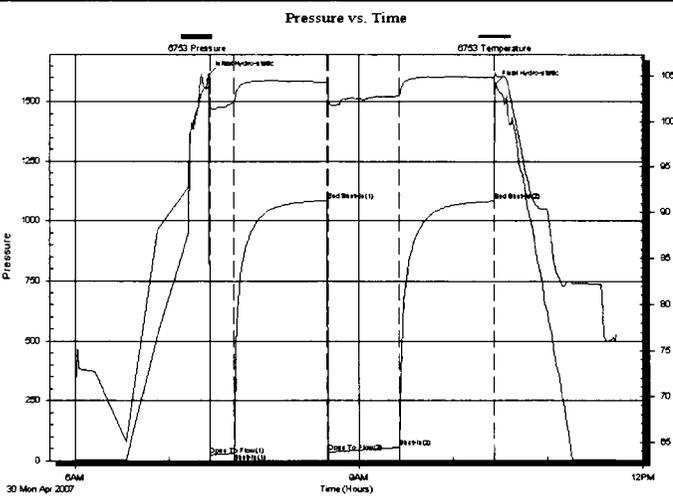
Boomhower #1
15 14 13W Russell KS
 Job Ticket: 28167 **DST#: 2**
 Test Start: 2007.04.30 @ 06:00:53

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:26:18
 Time Test Ended: 11:43:47
 Interval: **3195.00 ft (KB) To 3226.00 ft (KB) (TVD)**
 Total Depth: 3226.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 28
 Reference Elevations: 1781.00 ft (KB)
 1776.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6753 Inside
 Press@RunDepth: 55.35 psig @ 3196.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2007.04.30 End Date: 2007.04.30 Last Calib.: 2007.04.30
 Start Time: 06:00:53 End Time: 11:43:47 Time On Btm: 2007.04.30 @ 07:25:48
 Time Off Btm: 2007.04.30 @ 10:26:47

TEST COMMENT: IFF Wk bl thru-out 1/4 " to 1 " bl
 FFP Surface bl thru-out
 Times 15 60 45 60
 No bl on shut-in



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1612.83	103.82	Initial Hydro-static
1	22.98	101.42	Open To Flow (1)
16	30.97	101.99	Shut-In(1)
75	1084.94	104.25	End Shut-In(1)
75	33.55	102.12	Open To Flow (2)
120	55.35	102.74	Shut-In(2)
180	1082.89	104.79	End Shut-In(2)
181	1573.41	105.30	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
2.00	CO	0.03
60.00	HOCM 38%O 62%M	0.84
30.00	HOCM 20%O 80%M	0.42

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



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TOOL DIAGRAM

Jason Oil Co
P O Box 701
Russell KS 67665
ATTN: Jim Schoeberger

Boomhower #1
15 14 13W Russell KS
Job Ticket: 28167 **DST#: 2**
Test Start: 2007.04.30 @ 06:00:53

Tool Information

Drill Pipe:	Length: 3179.00 ft	Diameter: 3.80 inches	Volume: 44.59 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 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: 44.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3195.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.02 ft			
Tool Length:	52.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3175.00	
Shut In Tool	5.00			3180.00	
Hydraulic tool	5.00			3185.00	
Packer	5.00			3190.00	21.00 Bottom Of Top Packer
Packer	5.00			3195.00	
Stubb	1.00			3196.00	
Recorder	0.01	6753	Inside	3196.01	
Perforations	27.00			3223.01	
Recorder	0.01	13534	Outside	3223.02	
Bullnose	3.00			3226.02	31.02 Bottom Packers & Anchor
Total Tool Length:	52.02				



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P O Box 701
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Job Ticket: 28167

DST#: 2

ATTN: Jim Schoeberger

Test Start: 2007.04.30 @ 06:00:53

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.54 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	CO	0.028
60.00	HOCM 38%O 62%M	0.842
30.00	HOCM 20%O 80%M	0.421

Total Length: 92.00 ft Total Volume: 1.291 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

