

DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company**

PO BOX 701
Russell, KS 67665

ATTN: Herb Deines

5-16s-11w Barton,KS

Wirth #6

Start Date: 2011.04.13 @ 01:31:39

End Date: 2011.04.13 @ 07:38:39

Job Ticket #: 42476 DST #: 1

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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Jason Oil Company

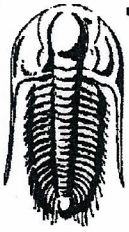
Wirth #6

5-16s-11w Barton,KS

DST # 1

Arbuckle

2011.04.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Jason Oil Company

Wirth #6

PO BOX 701
Russell, KS 67665

5-16s-11w Barton, KS

ATTN: Herb Deines

Job Ticket: 42476

DST#: 1

Test Start: 2011.04.13 @ 01:31:39

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:11:54

Time Test Ended: 07:38:39

Test Type: Conventional Bottom Hole

Tester: Randall Williams

Unit No: 43

Interval: **3230.00 ft (KB) To 3260.00 ft (KB) (TVD)**

Reference Elevations: 1829.00 ft (KB)

Total Depth: 3260.00 ft (KB) (TVD)

1822.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: **8648**

Inside

Press@RunDepth: 361.32 psig @ 3231.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.13

End Date:

2011.04.13

Last Calib.: 2011.04.13

Start Time: 01:31:44

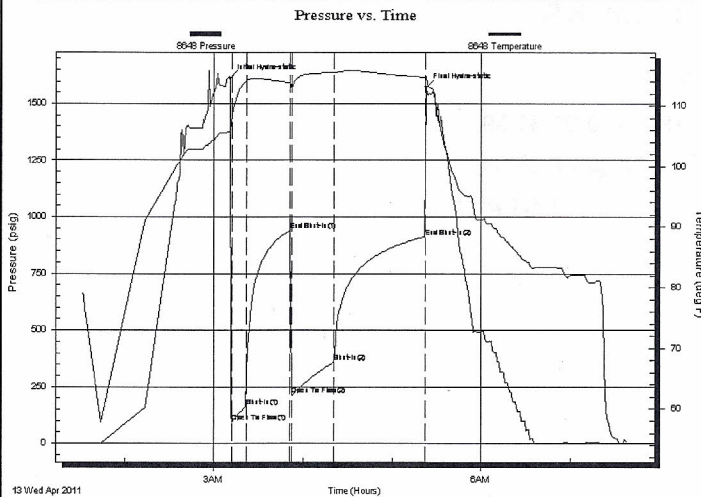
End Time:

07:38:38

Time On Btm: 2011.04.13 @ 03:10:39

Time Off Btm: 2011.04.13 @ 05:22:39

TEST COMMENT: IF=SBB BOB in 1 min
IS=NBB
FF= SBB BOB in 1 min
FS=NBB



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1612.99	105.82	Initial Hydro-static
2	96.39	108.26	Open To Flow (1)
11	165.00	114.05	Shut-In(1)
41	938.82	113.80	End Shut-In(1)
42	215.61	112.90	Open To Flow (2)
71	361.32	115.47	Shut-In(2)
132	911.87	114.68	End Shut-In(2)
132	1573.85	114.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
252.00	GOCM, 30% G, 10% O, 60% M	3.53
750.00	GCO, 10% G, 90%O	10.52
0.00	69 FT GIP	0.00

Gas Rates

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



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TOOL DIAGRAM

Jason Oil Company

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5-16s-11w Barton,KS

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DST#: 1

Test Start: 2011.04.13 @ 01:31:39

Tool Information

Drill Pipe:	Length: 3235.00 ft	Diameter: 3.80 inches	Volume: 45.38 bbl	Tool Weight: 4000.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume:	45.38 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3230.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3215.00	
Hydraulic tool	5.00			3220.00	
Packer	5.00			3225.00	20.00 Bottom Of Top Packer
Packer	5.00			3230.00	
Stubb	1.00			3231.00	
Recorder	0.00	8648	Inside	3231.00	
Recorder	0.00	6799	Outside	3231.00	
Perforations	24.00			3255.00	
Bullnose	5.00			3260.00	30.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



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FLUID SUMMARY

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DST#: 1

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Test Start: 2011.04.13 @ 01:31:39

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

3600 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
252.00	GOCM, 30% G, 10% O, 60% M	3.535
750.00	GCO, 10% G, 90%O	10.521
0.00	69 FT GIP	0.000

Total Length: 1002.00 ft Total Volume: 14.056 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

