

TRILOBITE TESTING, INC.

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

DRILL STEM TEST REPORT

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PO BOX 701
Russell, KS 67665

ATTN: Herb Deines

Wirth #6

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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

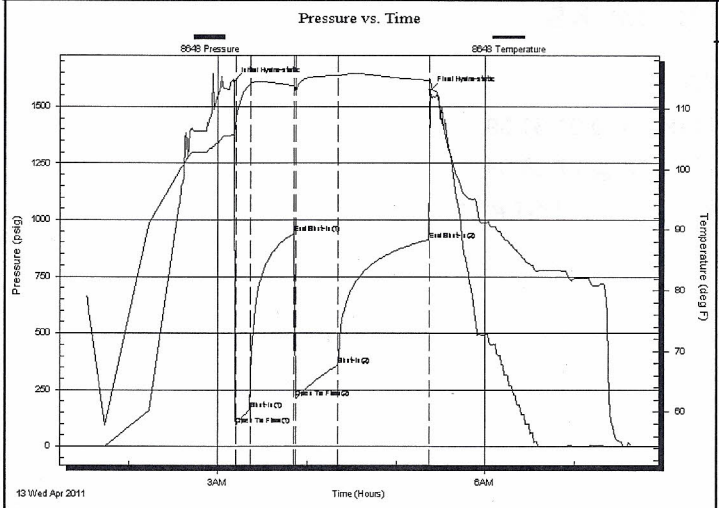
Interval: 3230.00 ft (KB) To 3260.00 ft (KB) (TVD)
Total Depth: 3260.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1829.00 ft (KB)
1822.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8648 **Inside**
Press@RunDepth: 361.32 psig @ 3231.00 ft (KB)
Start Date: 2011.04.13 End Date: 2011.04.13
Start Time: 01:31:44 End Time: 07:38:38

Capacity: 8000.00 psig
Last Calib.: 2011.04.13
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
ISI= NBB
FF= SBB BOB in 1 min
FSI=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)

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company

PO BOX 701
Russell, KS 67665

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Wirth #6

5-16s-11w Barton,KS

Job Ticket: 42476 **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 betw een 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	
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

Jason Oil Company

PO BOX 701
Russell, KS 67665

ATTN: Herb Deines

Wirth #6

5-16s-11w Barton,KS

Job Ticket: 42476 **DST#: 1**

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				

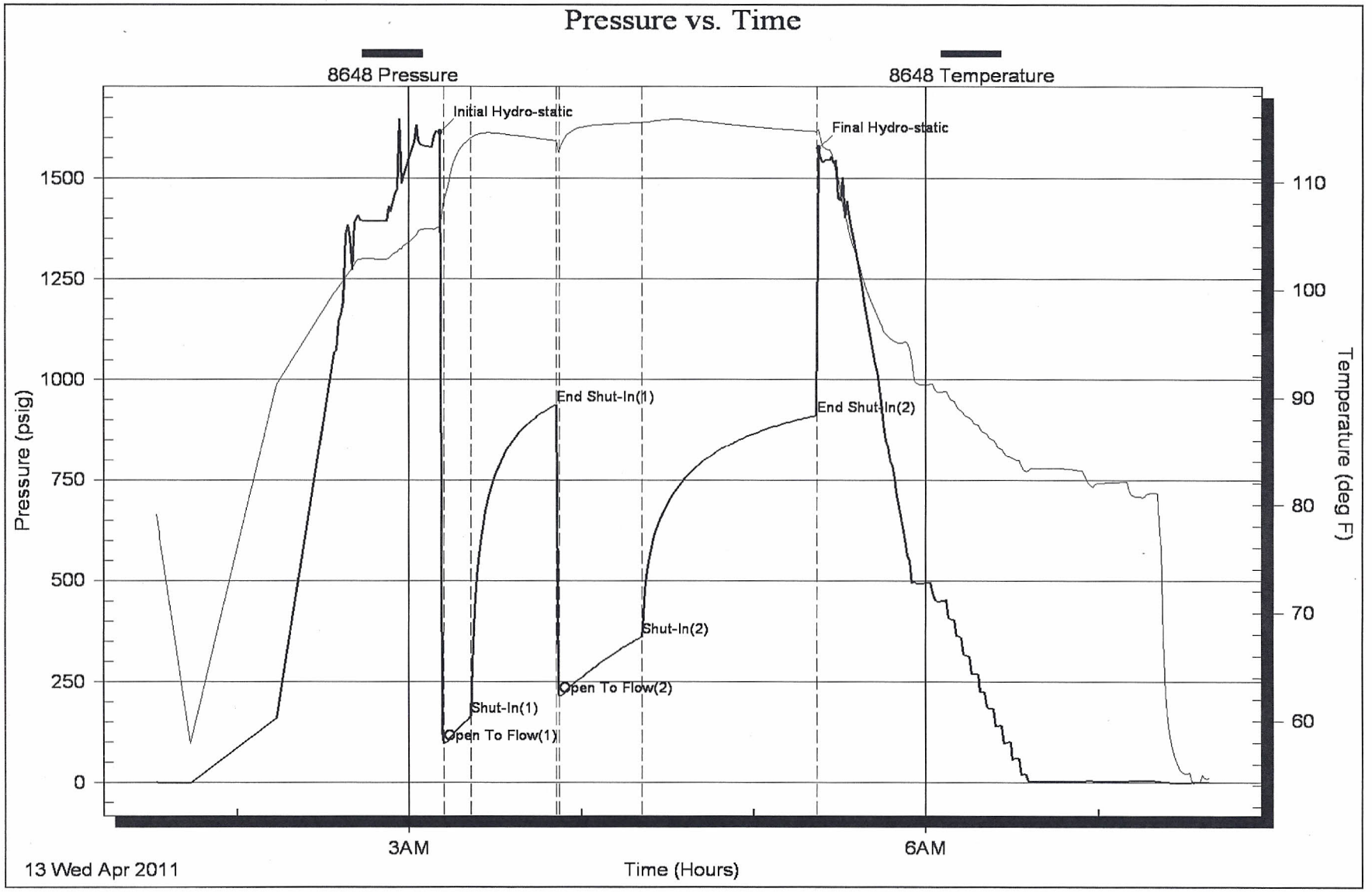
Recovery Information

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:


Pressure vs. Time
8648 Pressure
8648 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure (psig)
Temperature (deg F)
1500
1250
1000
750
500
250
0
110
100
90
80
70
60
3AM
6AM
13 Wed Apr 2011
Time (Hours)

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

4/10

APR 18 2011

BY:

Test Ticket

NO. 042476 15667

Well Name & No. ~~JASON OIL COMPANY~~ WIRTH #6 Test No. #1 Date 4-13-11

Company JASON OIL COMPANY Elevation 1829 KB 1832 GL

Address PO BOX 701 RUSSELL KS 67665

Co. Rep / Geo. HERB DEINES Rig ROYAL #2

Location: Sec. 8 Twp. 16S Rge. 11W Co. BARTON State KS

Interval Tested 3230-3260 Zone Tested ARBUCKLE

Anchor Length 30 Drill Pipe Run _____ Mud Wt. 9.2

Top Packer Depth 3225 Drill Collars Run NA Vis 53

Bottom Packer Depth 3230 Wt. Pipe Run NA WL 8.8

Total Depth 3260 Chlorides 3600 ppm System LCM 1#

Blow Description IF = SBB, BOTTOM BUCKET 1 MIN

ISI = NO BLOW

FF = SBB, BOTTOM BUCKET 1 MIN

FSI = NBB

Rec 69	Feet of GIP	100 %gas	%oil	%water	%mud
Rec 750	Feet of GAS/CLEAN OIL	10 %gas	90 %oil	%water	%mud
Rec 252	Feet of GOCM	30 %gas	10 %oil	60 %water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity 38 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1613	☒ Test 1125	T-On Location 01:00
(B) First Initial Flow 96	☐ Jars	T-Started 01:40
(C) First Final Flow 165	☐ Safety Joint	T-Open 03:20
(D) Initial Shut-In 939	☐ Circ Sub	T-Pulled 05:30
(E) Second Initial Flow 216	☐ Hourly Standby	T-Out 7:38
(F) Second Final Flow 361	☒ Mileage 126 RTP 1575	Comments
(G) Final Shut-In 912	☐ Sampler	
(H) Final Hydrostatic 1574	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 10	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 30	☐ Extra Recorder	Sub Total 8
Final Flow 30	☐ Day Standby	Total 1282.50
Final Shut-In 60	☐ Accessibility	MP/DST Disc't
	Sub Total 1282.50	

Approved By _____ Our Representative _____

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