

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

6 33S 10W Barber KS

Traffas 'L' #1

Start Date: 2006.11.29 @ 13:33:06

End Date: 2006.11.29 @ 21:59:49

Job Ticket #: 25495 DST #: 1

15-007-23070

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
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DRILL STEM TEST REPORT

R & B Oil & Gas

Traffas 'L' #1

PO Box 195
Attica KS 67009

6 33S 10W Barber KS

Job Ticket: 25495

DST#: 1

ATTN: Tim Ferce

Test Start: 2006.11.29 @ 13:33:06

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:17:19

Time Test Ended: 21:59:49

Test Type: Conventional Bottom Hole

Tester: Zach Stover

Unit No: 23

Interval: **4505.00 ft (KB) To 4526.00 ft (KB) (TVD)**

Reference Elevations: 1592.00 ft (KB)

Total Depth: 4526.00 ft (KB) (TVD)

1584.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: **6771**

Inside

Press@RunDepth: 18.57 psig @ 4506.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.11.29

End Date: 2006.11.29

Last Calib.: 2006.11.29

Start Time: 13:33:11

End Time: 21:59:49

Time On Btm: 2006.11.29 @ 16:17:04

Time Off Btm: 2006.11.29 @ 19:18:04

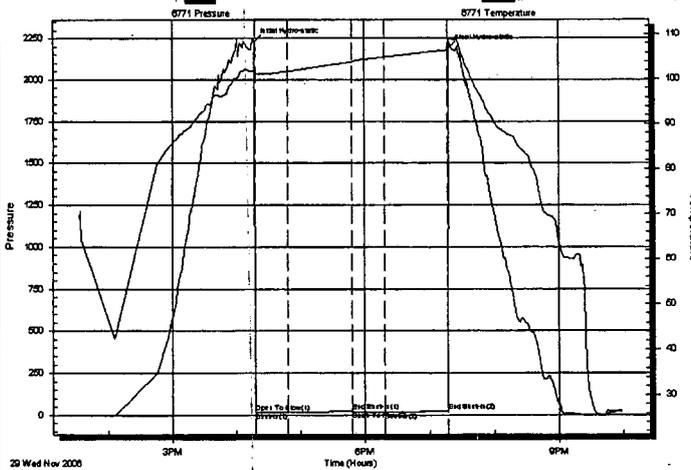
TEST COMMENT: IF Weak blow 1/4 "

ISI No blow

FF No blow

FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.45	101.78	Initial Hydro-static
1	19.55	100.89	Open To Flow (1)
32	17.90	101.69	Shut-In(1)
91	21.62	103.79	End Shut-In(1)
91	19.76	103.79	Open To Flow (2)
122	18.57	104.88	Shut-In(2)
181	19.79	106.50	End Shut-In(2)
181	2188.34	108.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud	0.21

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

R & B Oil & Gas

Traffas 'L' #1

PO Box 195
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6 33S 10W Barber KS

Job Ticket: 25495

DST#: 1

ATTN: Tim Pierce

Test Start: 2006.11.29 @ 13:33:06

Tool Information

Drill Pipe:	Length: 4497.00 ft	Diameter: 3.80 inches	Volume: 63.08 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 63.08 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4505.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 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			4486.00	
Shut In Tool	5.00			4491.00	
Hydraulic tool	5.00			4496.00	
Packer	4.00			4500.00	20.00 Bottom Of Top Packer
Packer	5.00			4505.00	
Stubb	1.00			4506.00	
Recorder	0.00	6771	Inside	4506.00	
Perforations	15.00			4521.00	
Recorder	0.00	13789	Outside	4521.00	
Bullnose	5.00			4526.00	21.00 Bottom Packers & Anchor
Total Tool Length:	41.00				



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FLUID SUMMARY

R & B Oil & Gas

Traffas 'L' #1

PO Box 195
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6 33S 10W Barber KS

Job Ticket: 25495

DST#: 1

ATTN: Tim Pierce

Test Start: 2006.11.29 @ 13:33:06

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: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 40000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

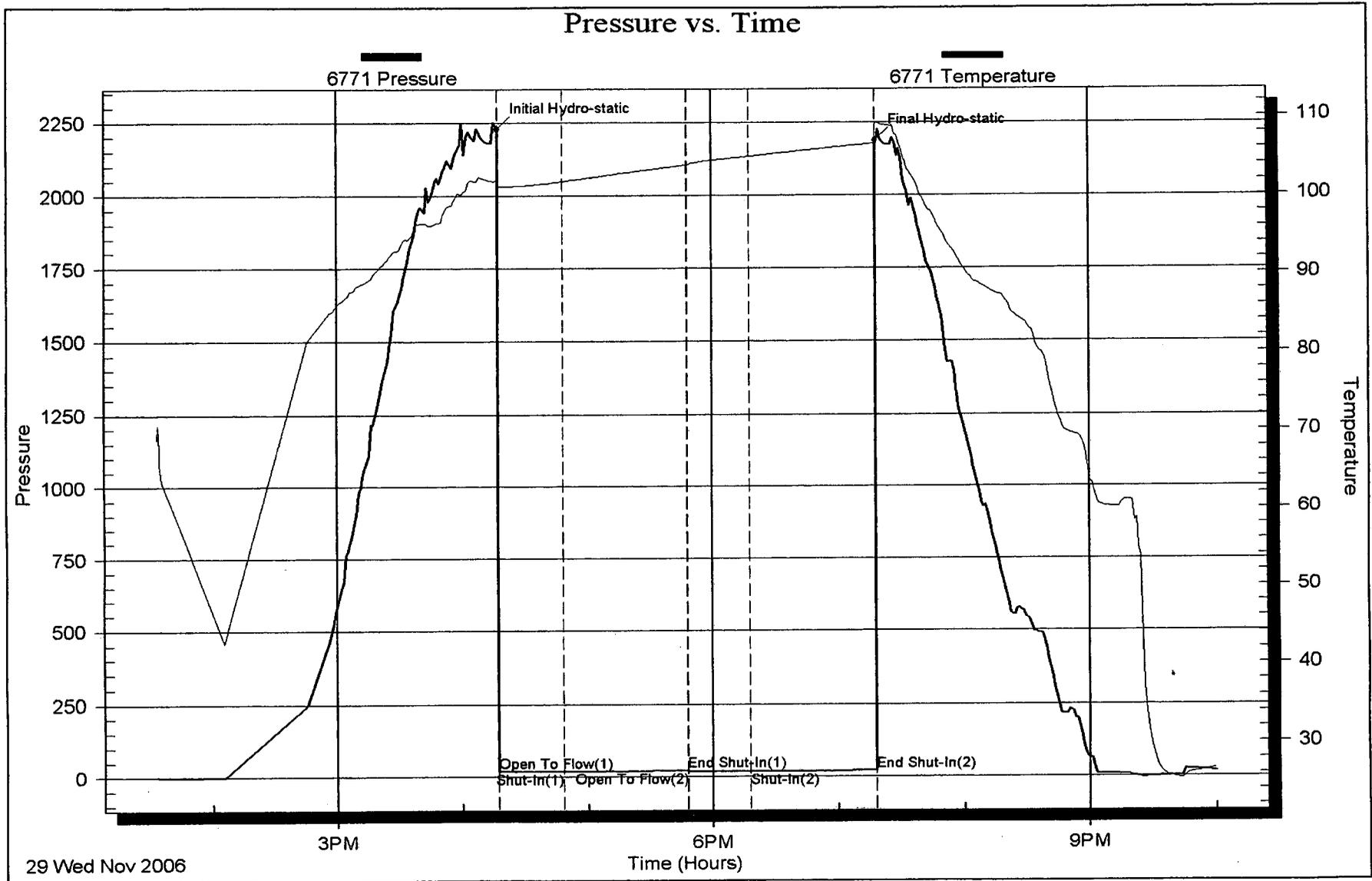
Num Gas Bombs: 0

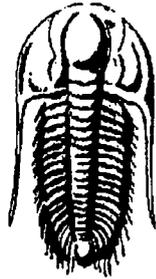
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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DRILL STEM TEST REPORT

Prepared For: **R & B Oil & Gas**

PO Box 195
Attica KS 67009

ATTN: Tim Pierce

6 33S 10W Barber KS

Traffas 'L' #1

Start Date: 2006.11.30 @ 10:08:37

End Date: 2006.11.30 @ 17:39:05

Job Ticket #: 25496 DST #: 2

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R & B Oil & Gas

PO Box 195
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ATTN: Tim Pierce

Traffas 'L' #1

6 33S 10W Barber KS

Job Ticket: 25496

DST#: 2

Test Start: 2006.11.30 @ 10:08:37

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:30:35
Time Test Ended: 17:39:05

Test Type: Conventional Bottom Hole
Tester: Zach Stover
Unit No: 23

Interval: **4606.00 ft (KB) To 4620.00 ft (KB) (TVD)**
Total Depth: 4620.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1592.00 ft (KB)
1584.00 ft (CF)
KB to GR/CF: 8.00 ft

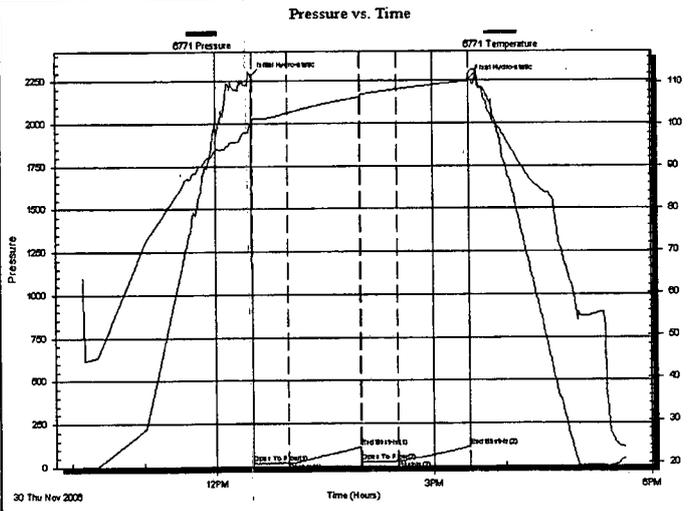
Serial #: 6771

Inside

Press@RunDepth: 30.47 psig @ 4607.00 ft (KB)
Start Date: 2006.11.30 End Date: 2006.11.30
Start Time: 10:08:42 End Time: 17:39:05

Capacity: 7000.00 psig
Last Calib.: 2006.11.30
Time On Btm: 2006.11.30 @ 12:30:20
Time Off Btm: 2006.11.30 @ 15:30:50

TEST COMMENT: IF Weak blow Built to 4 in.
ISI Weak blow 1/2 in.
FF Weak blow Built to 4 in.
FSI No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2280.10	100.28	Initial Hydro-static
1	19.70	99.72	Open To Flow (1)
30	21.39	102.72	Shut-In(1)
90	115.21	106.50	End Shut-In(1)
91	29.16	106.52	Open To Flow (2)
121	30.47	108.37	Shut-In(2)
180	115.78	110.36	End Shut-In(2)
181	2259.66	111.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Mud	0.56

Gas Rates

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



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TOOL DIAGRAM

R & B Oil & Gas

Traffas 'L' #1

PO Box 195
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6 33S 10W Barber KS

Job Ticket: 25496

DST#: 2

ATTN: Tim Pierce

Test Start: 2006.11.30 @ 10:08:37

Tool Information

Drill Pipe:	Length: 4592.00 ft	Diameter: 3.80 inches	Volume: 64.41 bbl	Tool Weight: 2100.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 64.41 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4606.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	34.00 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			4587.00	
Shut In Tool	5.00			4592.00	
Hydraulic tool	5.00			4597.00	
Packer	4.00			4601.00	20.00 Bottom Of Top Packer
Packer	5.00			4606.00	
Stubb	1.00			4607.00	
Recorder	0.00	6771	Inside	4607.00	
Perforations	8.00			4615.00	
Recorder	0.00	13789	Outside	4615.00	
Bullnose	5.00			4620.00	14.00 Bottom Packers & Anchor
Total Tool Length:	34.00				



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Traffas 'L' #1

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Job Ticket: 25496

DST#:2

ATTN: Tim Pierce

Test Start: 2006.11.30 @ 10:08:37

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: 44.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
40.00	Mud	0.561

Total Length: 40.00 ft

Total Volume: 0.561 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

